

# UNDERSEA LTD.

*SERVING THE DIVING INDUSTRY SINCE 1970*

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# CHARGING ADAPTERS 1



1086D DIN 232 WITH BLEED BLOCK CONNECTION IS G 1/4



1075 DRAEGER TO DIN 232 FEMALE



1086 DHP DIN 300 WITH BLEED BLOCK CONNECTION IS G 1/4

*All Din hand wheels are soft touch rubber mouldings.*



1086 INTERNATIONAL CHARGING ADAPTER TO G 1/4 + BLEED



1080 INTERNATIONAL TO DIN 232 ADAPTER



1222 BULLNOSE "T" FOR EURO CYLINDERS.

1225 BULLNOSE "T" FOR U.K. CYLINDERS

USE THESE TO JOIN UP STORAGE CYLINDERS USING FLEXIBLE OR SOLID PIPEWORK.



1088 DIN 232 TO DIN 300 FEMALE ADAPTER

1092 DIN 232 TO DIN 232 FEMALE ADAPTER

1093 DIN 300 TO DIN 300 FEMALE ADAPTER

1080 B DIN 232 TO G 1/4 FEMALE

1080 BHP DIN 300 TO G 1/4 FEMALE

1080 BN FEMALE UK BULLNOSE TO G 1/4 F

1080 EBN FEMALE EURO BULLNOSE TO G 1/4 F

1080 M M26 FEMALE TO G1/4 F

## CHARGING ADAPTERS 2



1080BN TO 1082 ASSEMBLY  
Female bullnose to Din 232 male



1081-1 INTERNATIONAL  
Block x G 1/4



1080BN TO 1082 HP ASSEMBLY  
Female bullnose to Din 300 male

***All Din hand wheels are soft touch rubber mouldings.***



1082HP DIN 300 MALE CONNECTION  
To G 1/4 Male x 60 cone.



1081 DIN 232 TO INTERNATIONAL BLOCK  
( 300 Bar male is illegal !! )



1082 DIN 232 MALE  
To G 1/4 male



1084 INTERNATIONAL "A"  
To G 1/4 male.



1220 U.K. BULLNOSE TO G 1/4 MALE  
1220 NPT UK BULLNOSE to 1/4 NPT MALE  
1221 EURO BULLNOSE TO G 1/4 MALE



1080B TO 1221 ASSEMBLY  
Female Din 232 to Euro Bullnose



0450 "T" HANDWHEEL  
M10 Stainless



1080B TO 1220 ASSEMBLY  
Female Din 232 to U.K. Bullnose

1080BHP TO 1221 ASSEMBLY  
Female Din 300 to Euro Bullnose.

1080BHP TO 1220 ASSEMBLY  
Female Din 300 to U.K. Bullnose.

## CHARGING ADAPTORS 3



**1082 NPT Din 232 BAR MALE**

Chromed Brass with 1/4 NPT Male thread.



**1082HP- NPT Din 300 BAR MALE**

Chromed Brass with 1/4 NPT Male thread.



**1220 NPT-UK BULLNOSE TYPE 3 TO 1/4 NPT**

Male. Chromed Brass. Max.W.P. 330 Bar.



**1082 HFS Flow Stop Din 300 Adapter**

Especially recommended for use with our new 7501 / 06 Lever Valves. Prevents flow through hose if valve is moved to "on" position. Connecting thread is M16 x 1.5 mm. Also fits Bauer charging hoses.



**6006 MINIATURE BRASS NEEDLE VALVE.**

Max W.P. 207 Bar. 1/4 NPT Female threads.  
Also available for 6mm Pipe fittings.



**6007 MINIATURE STAINLESS STEEL NEEDLE VALVE**

Max W.P. 345 Bar. 1/4 NPT Female.

**6008** Valve as above but for 6mm Tube. As picture above.

## CHARGING ADAPTORS 4



**1127 MALE 200/ 300 DIN  
To Female U.K. Bullnose**



**1125 UK Male Bullnose to Din  
232 Female**



**1129 MALE EURO BULLNOSE  
To M26 Female - EN144-3**

**1131 Din 300 Male to Din 232  
Female**

**1126 UK Male Bullnose to Din  
300 Female**

**1128 MALE EURO BULLNOSE  
To Din 300 Female**



**1074 21.8 x 14 OXYGEN & HELIUM  
Adapter to G 1/4 Male**

**1076 CGA 540 Oxygen Adaptor**

**1079 24.32 x 14 Helium Adaptor**

**1089 G 3/4 German Oxygen Adaptor**



**New European Valve Outlet Connection  
( NEVOC )**

**1130 W30 x 2 Nevoc to ISO 5145  
Type 30 for Nitrogen & Helium**

**1133 W30 x 2 Nevoc to ISO 5145  
Type 31 for Air**

**1134 W30 x 2 Nevoc to ISO 5145  
Type 32 for Oxygen**

**All above are to G 1/4 Male with 60 cone  
Seat.**

# CYLINDER VALVE CONNECTION ADAPTORS



**CGA 580 to G 1/4**  
MALE WITH 60  
CONE SEAT.



**1239 N - DIN 200/300 MALE TO G1/4**  
FEMALE.



**1090 21.8 x 14 MALE To DIN**  
200 / 300 MALE



**1220 PP UK Bullnose with Pin Point**

For use with "J" Storage cylinders that have the new one way valve fitted. W.P. 350 Bar  
G 1/4 Connecting thread with 60 cone seat.

**1239 G - DIN 200/300 MALE TO 1/4 NPT**  
FEMALE.



**1073 DIN 232 MALE TO**  
M24 X 2 mm MALE.  
*Also for Draeger*



**1221 PP Euro Bullnose with Pin Point**

For use with "J" Storage cylinders that have the new one way valve fitted. W.P.350 Bar  
G 1/4 Connecting thread with 60 cone seat



**1091 21.8 X 14 MALE TO G 1/4 FEMALE**



**1073 HP DIN 300 MALE**  
To M 24 X 2 mm MALE  
*Also for Draeger*

## CHECK GAUGES & CHARGING ADAPTORS



1087 DHP 300 BAR CHARGING  
WITH 400 BAR GAUGE.  
TO G 1/4

1085 CYLINDER PRESSURE  
CHECK GAUGE

1087 BN CHARGING ADAPTER TO  
U.K. BULLNOSE  
1087 EBN AS ABOVE WITH EURO  
BULLNOSE TO G 1/4

***All Din hand wheels are soft touch rubber mouldings.  
All gauges are fitted with a rubber protective cover. Left off for photographic clarity.***



1087 D 200 BAR CHARGING  
ADAPTER WITH 400  
BAR GAUGE. TO G 1/4  
CONNECTION

1085 D 200/ 300 BAR CYLINDER  
CHECK GAUGE.  
This connection can only be  
supplied with check gauges.

1087 CHARGING CLAMP WITH  
400 BAR GAUGE  
TO G 1/4 CONNECTION

## STORAGE CYLINDER MANIFOLD ASSEMBLIES.



Gauge can be 63 or 100 mm

1226 Block with UK  
Bullnose 1220

Hose can be any length.  
Specify 5041 or 5044 for O<sub>2</sub>

1227Block with 1082 SP  
Dual Din 200/ 300 & Gauge.

1226 Block with Euro  
Bullnose 1221

***You may change the cylinder fittings for any of our connections: e.g 1074, 1079 etc.***

***We are showing you here various options for joining up storage bottles.***

Pipe Fittings can be for 6, 8 Or 10mm. Pipe can be our 1300 6 x 1mm Stainless Steel or our 1305 6 x 1.25mm Tungum Tube. You should always use Tungum tube with 100% Oxygen



1226 Block with UK  
Bullnose 1220

1226Block with 1082 SP  
Dual Din 200/ 300 & Gauge.

1226 Block with Euro  
Bullnose 1221

***You may change the cylinder fittings for any of our connections: e.g 1074, 1079 etc.***

# 5900 ALPHA 1 OXYGEN ANALYSER

A tough and extremely accurate Oxygen analyser. Built into a diecast metal case and sealed to IP 65. The sensor has a screw cap to seal it off when not in use. This will greatly extend the life of the sensor. This unit is accepted as being the most accurate hand held analyser in the diving industry.

Supplied in a foam lined carrying case complete with universal filling adaptor suitable for Din or International valves. Complete with a flow meter which confirms the sampling rate.

Runs on Alkaline PP3 with low battery indication. A 12 month warranty plus full instructions including re-calibration advice are supplied with each unit. **Now with a new longer life sensor.**

*We would suggest that this is the most accurate & toughest hand held Analyser available on the market today !!  
Please note that after the current stock of green cases are used we will be going to a more durable grey hammer finish.*



STAINLESS STEEL EYEBOLT



TOUGHENED DISPLAY WINDOW

MILITARY SPEC CONTROLS

UNIVERSAL CONNECTOR



SENSOR SEALING CAP

## 6300 PERSONAL FILTER

A must for technical divers requiring cylinder refills from unknown sources. This is a compact unit machined from HE30 aluminium and hard anodised blue. Working pressure is 414 Bar with a test pressure of 850 Bar. Overall length is 250 mm x 55 mm diameter. For use only with our 0520 replacement cartridge. Life is around 50 x 12 Ltr. fills assuming air is already pre filtered correctly. May be used as a supplementary filter to a charging panel. *There is a restricted flow adaptor on the inlet which should not be removed.*



## 6310 PERSONAL FILTER KIT

Supplied with a complete set of adaptors to enable filling from almost any source. Also a spare filter cartridge. Complete with N.R.V. and bleed block. Packed in a tough plastic case with foam inserts for protection in transit. Spare seal set also provided. **Standard kit is supplied with 200 Bar fittings. 300 Bar is available, but please specify on orders.**



### 7600 IN LINE BRASS FILTER

Max. W.P. 207 Bar for use with booster pumps. 10 Micron Replaceable stainless steel filter. 1/4 NPT Female threads. Pipe sizes also available. Please ask.



### 7606 IN LINE STAINLESS STEEL FILTER

Max W.P. 414 Bar. For 6mm Tube. 10 Micron Replaceable Stainless Steel filter for use with Booster Pumps etc. Also available with 1/4 NPT Female threads & Other pipe sizes.



### 7610 IN LINE STAINLESS STEEL "T" FILTER

Max W.P. 414 Bar for 6mm Tube. 10 Micron replaceable Stainless Steel filter. Easily replaced without disconnecting from pipe work. Other Microns available to special order. Also available with 1/4 NPT Female threads. Once fitted you do not need to dis-connect to replace filter Element. Just unscrew the hex nut. Especially recommended for inlets to Booster pumps to prevent any particles entering the pump which could prove very expensive !!

## 5835-R DUAL PRESSURE CHARGING PANEL FOR AIR WITH 232 & 300 BAR OUTLETS. WITH PRESSURE CONTROL REGULATOR



The pressure regulator is our 7000 Model. With a maximum inlet pressure of 414 Bar and an outlet pressure adjustable between 0 and 330 Bar. Lower outlets rates are available.

A compact panel that is built around a manifold system for reliability and ease of servicing. All components are sealed with "O" rings for a positive seal. This model is fitted with our 5080 0 - 400 Bar 150mm mirror scale gauge which has an accuracy of 0.6%. The scale is in 2 bar increments. Just by removing the glass front you will find a re calibration screw on the needle which may be adjusted to re zero without the need to disconnect the panel. *We can also supply this panel with our DPM 400 Gauge in lieu of the analogue gauge.*

All valves are our 6000 balanced needle type to give you fine control of flow both into and out of the panel. The handwheels are now moulded rubber for comfort and easy turning. Each storage bank inlet has its own 0 - 400 bar single scale 1.6% accurate gauge which enables you to keep a check on storage bank pressures.

All the components are mounted to the front panel and are easily accessible, by removing the 6 front cover screws, for servicing. *All valves are now serviceable from the front of panel.*

***You can now service the 6000 Valves from the front of the panel by removing the hand wheel and inserting our special service socket tool Ref: 6000 ST. This enables you to replace the seat and all the seals without having to dis-mantle the panel.***

The finish is blue with all text etc. in white. This is easy to keep clean by wiping with a damp cloth. We are able to offer different colour fronts or Brushed Aluminium if preferred.

3 x Storage inlets. 1 x Compressor inlet. 3 x 232 Bar Outlets. 1 x 300 Bar Outlet.  
Size: 650 x 400 x 110 mm. Weight: 16 Kg.

As with all our charging panels we are able to offer you a choice of fittings for connecting into our panels. We have adaptors to accept flexible hoses which we can supply to any length or an adaptor to take 6mm pipework. Other sizes are available to order. Please refer to our catalogue or send us your requirements.

*To special order we can make this panel with storage inlet to the left side and compressor Inlet to the right side.*

*The system after the regulator is protected by a pressure relief valve set at 250 Bar.*

## 5805 BLENDING PANEL FOR NITROX OR TRI-MIX



A compact panel of modular design that is easy to use for the blending of Nitrox. All valves are our new updated 6000 Mk2a needle valves which will give you fine control over the flow into and out of this panel. *The handwheels are now moulded in rubber to offer better grip & comfort.*

Each oxygen inlet valve has its own 1.6 % accurate 0 - 300 bar pressure gauge to give the pressure in the storage banks. The panel and outlet pressure is controlled by our very accurate 100mm DPM 400 Mk2 Digital gauge. This is mains operated by a regulated 220/240 volt mains adaptor to give a more balanced reading. This prevents "fluttering" of the read out. This gauge has an accuracy better than 0.5% which is most important when blending. All the oxygen inlets have individual one way valves fitted. There are also 2 x N.R.V's on the pure air inlet to meet current regulations.

The whole assembly is mounted on the front panel for easy access when any servicing is required. The unit is built up around a manifold system with all components sealed by "O" rings. The only pipework is the feed to the pressure gauges from the inlet valves. The whole system is protected by an over pressure valve set at 330 Bar. This is easily adjustable to a higher or lower set pressure. ***You can now service the 6000 Valves from the front of the panel by removing the hand wheel and inserting our special service socket tool Ref: 6000 ST. This enables you to replace the seat and all the seals without having to dis-mantle the panel.***

*The finish is Bright Green plastic, so is not affected by saltwater air, with all text and flow lines in white. The front is easily kept clean by wiping over with a damp cloth. We are able to offer other colours or a Brushed Aluminium front if preferred*

2 x Oxygen inlets. 1 x Pure air inlet. 3 x Mix outlets. 1 x Panel drain  
1 x O<sub>2</sub> / He Inlet.

*If preferred we can replace the digital gauge with our 150mm mirror scale gauge.*

Panel comes complete with fixing kit and mains adaptor for the digital pressure gauge.  
*To special order we can make the panel with Oxygen inlet on the left side.  
If preferred 1 inlet could be changed to Helium to make an economic tri-mix panel.  
As shown in the picture above.*

*Size is 620 x 370 x 110 mm. Weight is 14 Kg. un-packed.*

## 5300 TRI MIX BLENDING PANEL



This is the current version of our Tri -Mix Blending panel for the most discerning operator or diving group. It is a blending panel that is designed to be both functional and easy to use. All inlets are protected by individual one way valves whilst the pure air inlet has twin (2) N.R.V.'s which meet current regulations. All valves are our 6000 Mk2 balanced needle valves that enable you adjust and control the flow to and from your panel to give a precise amount of gas or air. *All handwheels are moulded in rubber for easy grip & comfort.*

The storage cylinder inlet gauges are single scale Bar and are accurate to 1.6 %. They show the pressure in the various storage bank cylinders. The dials are clear scale easy to read and rated 0 - 300 Bar. The Air inlet pressure gauge is 0-400 Bar. The panel and outlet pressure are controlled by our highly accurate DPM 400 Mk2 digital gauge which has an accuracy better than 0.5% to 400 Bar. Characters are 18 mm.

The DPM runs from a special regulated 220/240 volt mains adaptor. This prevents fluttering of the readout.

In addition you have a 150 mm Analogue gauge with an accuracy of 0.6%. There is a simple re-adjustment screw on the dial needle to re-calibrate to the digital gauge. All you need do is remove glass by twisting the gauge rim, so eliminating any down time on the panel. Full operating instructions are supplied together with a fixing kit.

***You can now service the 6000 Valves from the front of the panel by removing the hand wheel and inserting our special service socket tool Ref: 6000 ST. This enables you to replace the seat and all the seals without having to dis-mantle the panel.***

*This finish has recently been introduced which is bright green plastic with all text and flow lines in white for ease of reading. An over pressure valve is fitted set at 330 Bar. There is now an air inlet pressure gauge. To special order we can change the layout to your own requirements, within reason. Also panel colour. Or you may prefer a brushed Aluminium finish at no extra cost.*

All valves are mounted to the front panel so servicing is made easy by removing the front screws.

Overall size is : 600 x 600 x 110 mm.

Weight is 23 Kg. approx.

3 x Oxygen inlets.

3 x Helium inlets.

3 x Mix outlets.

1 x Panel drain valve

We are able to supply all the inlet connections and pipework also the appropriate charging hoses. Please refer to our price list or send us your requirements.



### 5830 CASCADE PANEL FOR OXYGEN.

With 3 inlets each controlled by it's own balanced needle valve which in turn has a 1.6 % accurate 0 - 350 Bar clearscale gauge to give the pressure in the storage cylinder. The single outlet is protected by a N.R.V. This panel may be used with our 5210 / 15 De Canting assembly to give a basic and economical oxygen cascade system. Size: 345 x 250 x 90 mm. Weight is : 6.5 Kg. *Finish is anodised aluminium with colour coded text in black. Or Black Plastic with white lettering*



### 5840 CASCADE PANEL FOR AIR.

Similar to the 5830 panel but for use with air. This panel may be used to control as many storage cylinders as you wish by manifoldng them together. Please note that this panel does not have a N.R.V. as it is not normally required. The finished text colour is Blue. Size: 345 x 250 x 90 mm. *Available with aluminium front or Blue Plastic with white lettering.*

### 5850 CASCADE PANEL FOR HELIUM

As the 5830 Panel but finished in Brown plastic with White lettering.

## BESPOKE CHARGING PANELS



3 STORAGE CYLINDER HELIUM CONTROL PANEL  
With individual inlet pressure gauges.

3 STORAGE CYLINDER AIR CONTROL PANEL  
With individual inlet pressure gauges



6 STORAGE CYLINDER OXYGEN CONTROL PANEL WITH INDIVIDUAL INLET PRESSURE GAUGES.

# TWIN VALVE ASSEMBLIES

ALL VALVES HAVE A CHROME FINISH. THEY ARE MARKED WITH THREAD SIZE & ALL CARRY THE CE MARK. ALL MODELS ARE DIN CONVERTIBLE. 300 BAR MODELS ARE DIN ONLY.



- 4045 TWIN MANIFOLD FOR 2 X 7 LTR. M25 X 232 BAR
- 4046 TWIN MANIFOLD FOR 2 X 7 LTR. M25 X 300 BAR
- 4055 TWIN MANIFOLD FOR 2 X 10/12 LTR. M25 X 232 BAR
- 4060 TWIN MANIFOLD FOR 2 X 15 LTR. M25 X 232 BAR

**CENTRES AVAILABLE ARE: 165, 184, 189, 200, 203, 215, 230 MM.**



- 4070 TWIN MANIFOLD WITH ISOLATION FOR 2 X 10/12 LTR. M25 X 232 BAR.
- 4080 TWIN MANIFOLD WITH ISOLATION FOR 2 X 15 LTR. M25 X 232 BAR.

**CENTRES AVAILABLE ARE: 184, 189, 200, 203, 215, 230 MM.  
THESE MANIFOLDS ARE CLEANED FOR NITROX USE.**



- 4090 TWIN MANIFOLD WITH ISOLATION FOR 2 X 10/12 LTR. M25 X 300 BAR
- 4092 TWIN MANIFOLD WITH ISOLATION AS ABOVE BUT NITROX CLEAN

4094 CENTRE WITH ISOLATION ONLY. SPECIFY CENTRES. NITROX CLEAN.  
4096 CENTRE WITH ISOLATION ONLY. 215/230 CENTRES. NITROX CLEAN.

## CYLINDER MANIFOLDS 2



4085 TWIN MANIFOLD WITH RESERVE. M25 X 2. SINGLE OUTLET.  
Single outlet is Din convertible. See previous page for centres available from stock.



4086 TWIN MANIFOLD WITH RESERVE. 25 X 2. TWIN OUTLET  
Both outlets are Din convertible. See previous page for centres available from stock.



4065 NEW EUROPEAN NITROX TWIN MANIFOLD WITH CENTRE ISOLATION. M25 X 2  
REGULATOR CONNECTION IS M26 X 2. AVAILABLE FOR ALL CENTRES. PLEASE SPECIFY.



4000 NEW EUROPEAN NITROX VALVE.  
Regulator connection is 26 x 2 mm.



1071 NEW NITROX FILLING ADAPTOR TO G 1/4  
For 4000 & 4065 valves.

## SINGLE CYLINDER VALVES



4005 SINGLE K VALVE. M25 X 232 BAR. DIN CONVERTIBLE.

4010 SINGLE K VALVE. M25 X 300 BAR DIN



4020 SINGLE K VALVE. M25 X 232 BAR Din convertible

4025 SINGLE K VALVE. M25 X 300 BAR Din convertible



4035 SINGLE J VALVE M25 X 200 BAR.

4040 SINGLE J VALVE M25 X 300 BAR



4017 2nd. OUTLET 232 BAR

Available Right or Left Handed



4018 2nd. OUTLET 300 BAR

Available Right or Left Handed

RR10 STAINLESS STEEL PULL ROD FOR 10/12 LTR.

RR15 STAINLESS STEEL PULL ROD FOR 15 LTR.

4015 SINGLE K VALVE WITH 2nd. OUTLET. M25 X 232 BAR

4016 SINGLE K VALVE WITH 2nd. OUTLET. M25 X 300 BAR

ICTURE HERE SHOWS WHAT WE CALL RIGHT HANDED.

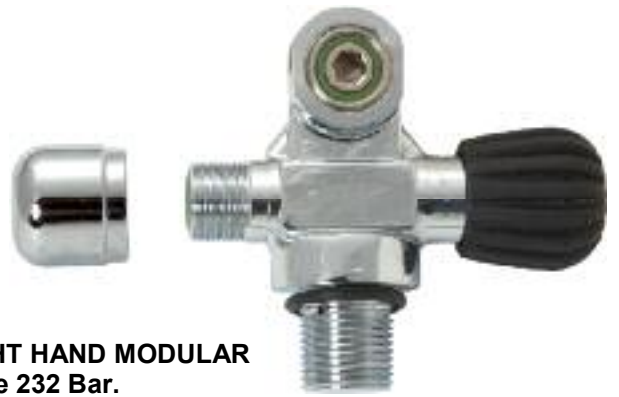


## CYLINDER VALVE PARTS



**SS 0440 ELBOW WITHOUT OUTLET M25 x 2**

Use with 4020 M, 4094, 4096 & 0450 to make up any manifold assembly to suit your requirements. If in doubt please ask us for help.



**4020 M RIGHT HAND MODULAR Valve 232 Bar.**  
**4025 M MODULAR VALVE 300 Bar.**  
**0413 BLANKING CAP**  
 blanks all modular valves



**4094 CENTRE WITH ISOLATION**  
 Available for centres 184, 189, 200 & 203 mm  
**4096 CENTRE WITH ISOLATION**  
 Available for centres 215 & 230 mm



**0450 CENTRE OUTLET WITH ISOLATION.**  
 Can be made up for all centres from 184 to 230 mm



**PLAIN MANIFOLD ASSEMBLY FROM 165 TO 203 mm**



**SS 0435 RESERVE MODUAL. 232 BAR ONLY**  
 M25 x 2 To make up as a manifold assembly



**4005 SK SERVICE KIT FOR SINGLE VALVES AS ABOVE. ALSO 6005 SK**  
**4070 SK SERVICE KIT FOR MANIFOLDS WITH CENTRE ISOLATION.**  
 3 X Single sets.

We stock the full range of spares which are available as single items. See price list.



**3210 SMB REEL**

With 50 mtrs. of Nylon cord plus snap clip.  
Easy use locking action. Available in 6 colours.



**0102 OXYGEN GREASE**

For use with all valves & fittings. Does not harden.  
Non sticky formula.  
To MIL Spec: 27617E



**1000 "O" RING SELECTION BOX**

All the various sizes in general use for diving equipment and adaptors. 18 different sizes approx. 1000 "O" rings in total.

**1000 V "O" RING SELECTION IN VITON**

12 different most used sizes in Viton for use with Oxygen. 115 seals in total.



**3068 DUNLOP S 1240**

A heat re-activating adhesive. Fantastic for fitting of dry suit seals. With easy removal as well. Just re heat and peel off. .250ml. can with brush in lid.

## DE-CANTING ASSEMBLIES & INTERSTAGE TEST GAUGES



5087 INTERSTAGE CHECK GAUGE.

63mm Gauge 0—20 Bar to set up Regulator 2nd. Stage outlet pressure. Complete with bleed block and 3/8 UNF male end.

5089 AS ABOVE BUT WITH “SNAP TITE “ BC CONNECTOR. *As picture below.*



1200 DE-CANTING ASSEMBLY X 30 CM. WITH BLEED BLOCK  
Hose is 345 Bar W.P. and has all Stainless Steel ends with “O” Ring seals.  
Our 5090 or 5091 Pressure Gauge may be fitted to this assembly.  
Longer hoses are available to any length. Please ask.



1205 DE-CANTING ASSEMBLY X 30 CM. DIN 232 WITH BLEED BLOCK.

1206 DE-CANTING ASSEMBLY X 30 CM. DIN 300 WITH BLEED BLOCK.

Hose is 345 Bar W.P. and has all Stainless Steel ends with “O” Ring seals.  
Our 5090 or 5091 Pressure Gauge may be fitted to these assemblies.  
Longer hoses are available to any length. Please ask.

*Also available for Oxygen/ Nitrox. Please refer to our price list.*

## DPM 300 Mk 4 DIGITAL PRESSURE GAUGE



This is our New 68mm very accurate digital gauge with an accuracy better than 0.5%. The battery life is around 1400 hours. Supplied with a rubber cover. Thread is G1/4 . It is not waterproof . Can be used wherever a pressure gauge is required e.g: for gas blending or any pressure checking . It is oxygen compatible. Can be programmed for PSI or Bar. Maximum W.P. 400 Bar. *This is an electronic instrument that needs to be treated with a certain amount of care.*



## DPM 400 Mk 2 DIGITAL PRESSURE GAUGE

Introduced in 2002 the Mk2 model of our panel mounted digital gauge. This has an accuracy better than 0.5% to 400 Bar. The 18 mm display which is powered by a new regulated mains adaptor. This gives a more positive reading which eliminates flickering. The transducer has a G1/4 thread which is Oxygen compatible. The diameter is 100 mm so will replace standard analogue gauges to give better accuracy. The case is stainless steel and is supplied with a fixing bracket.

# PRESSURE GAUGES



**5090 0-400 Bar x 63 mm**  
Oil filled for Air use only  
G 1/4 thread. 1.6%

**5091 0-400 Bar x 63 mm**  
Dry for Oxygen / Nitrox use.  
G 1/4 thread. 1.6%



**5088 0-20 Bar x 63 mm**

Oil filled with G 1/4 Thread. Use with our 1260 or 5051 Gauge adaptor. 1.6% accuracy  
We can supply any dial scale in most sizes. *Please enquire.*

**5092 Panel Mount gauge x 63mm**  
0-400 Bar. Single scale G 1/4 back connection for panel mounting. Dry for Nitrox use. Accuracy is 1.6%. With clamp.

**5093 As above but oil filled for air use.**  
1.6% accuracy

**5094 Panel Mount Gauge x 63 mm for Oxygen.** 0-300 Bar.

*All the above gauges have toughened glass lenses for extra safety.*



**5098 0-275 Bar x 100 mm**  
Dry for Oxygen use. G 1/2 thread. 1% accurate. Use our 1274 adaptor to convert to G 1/4.  
**Scale now with 2 Bar increments.**



**5096 0-400 Bar x 100 mm**  
Dry for Nitrox use. Panel mounted. G 1/4 back thread. 1% accurate.



**5097 0-400 Bar x 100 mm**  
Oil filled for Air use. Panel mounted. G 1/4 back thread. 1% accurate

*Above gauges have Toughened glass lens for extra safety.*

**1260 G 1/4 Gauge adaptor to G 1/4 male thread.**

**1261 G 1/4 Gauge adaptor to 7/16 UNF male thread.**

**1262 G 1/4 Gauge adaptor to G 1/8 male thread.**

**1263 G 1/4 Gauge adapter to 3/8 UNF Male to fit Regulator L.P. Port**

**1272 G 1/4 Gauge adapter to 1/8 " Tube with nut.**

**1274 G 1/2 Gauge adapter To G 1/4 Male to fit our Blocks. Swivels 360**

**1052 NEOPRENE GAUGE COVER**  
For 63 mm gauges. Black only.

**1054 RUBBER GAUGE COVER**  
For 100 mm gauges. Blue only



**5051 G 1/4 GAUGE ADAPTOR**

To Snap-Tite connector with PTFE Seal



**5080 150mm MIRROR SCALE GAUGE. 0—400 BAR**  
Highly accurate to 0.6% of full scale. Adjusting screw on needle to re-zero. G 1/4 back connection for panel mounting with clamp supplied. Supplied with test certificate.  
Use our 1260 or 1272 gauge adapters for connecting.

## H.P. CHARGING HOSES



### 5041 AIR CHARGING HOSE

Available in any length. Standard stock lengths are: 30 cm, 50 cm, 1 mtr, 1.3 mtr, 1.5 mtr, 2 mtr. Standard assembly has 316 Stainless Steel ends which are G 1/4 Female with internal "O" Ring. Also available with a G 1/4 Male end or a 90 degree swept elbow at 1 end or both ends. Black Polyurethane cover over a Kevlar braid with a nylon 66 core. Max. W.P. 345 bar with a 4:1 safety factor. Perfect for marine environments and for charging cylinders in a water tank. Extremely durable and anti kink.



### 5044 MIXED GAS CHARGING HOSE

Available in any length. Standard stock lengths are: 30 cm, 50 cm, 1 mtr, 1.3 mtr, 1.5 mtr, 2 mtr. Standard assembly is as picture above with 316 Stainless Steel fittings. These are G 1/4 female with an "O" Ring on the insert. Also available with G 1/4 Male end or a 90 degree swept end as below. Green Polyurethane cover over a Kevlar braid with a Nylon 66 core. Max. W.P. 350 Bar with 4:1 safety factor. Suitable for 100% Oxygen. Maximum length for Oxygen service must not exceed 2 mtrs. Anti Kink and extremely durable.



### 5044 / 90 MIXED GAS CHARGING HOSE

Hose details as above but shown with a swept 90 degree end in 316 Stainless Steel. The seat has an "O" Ring on it to give a perfect seal. You may have 90 degree ends at both ends and in any position but please be clear on your order. It is recommended that you send us a simple drawing to show us what you require.

**REPLACEMENT LOW PRESSURE REGULATOR HOSES**



5045 Standard L.P.Hose assembly. 3/8 UNF male to 9/16 UNF Swivel female. 70 cm. long but can be supplied in any length to order. High quality very flexible rubber hose with Chrome Plated Brass re-useable end fittings. Max. W.P. 25 Bar. T.P. 65 Bar.



5045 Hose shown with 1/4 NPT on one end and 3/8 UNF Male. General details as above. Can also be supplied with G 1/4 Male.



5045 Hose shown with Snap Tite B.C. male connector one end to 3/8 UNF Male.

**RE-USEABLE L.P. HOSE FITTINGS**



1273 G 1/4 Male to 9/16 UNF Male to fit parts B & C

1275 3/8 UNF Male to 9/16 UNF Male to fit parts B & C



**5048 L.P. HOSE ASSEMBLY TOOL**

To assemble the swivel end Part "C" fitting into hose. Assembly Instructions are sent with fittings.



5045-C "O" Ring shaft.



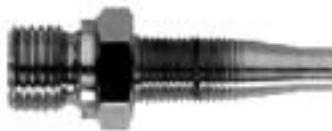
5045-B 9/16 UNF Nut.



5045-A Ferrule. 2 per set.



5045 D 3/8 UNF Tail



5047 G 1/4 Male end



5050 Snap Tite + Ferrule



5047 N 1/4 NPT End +

# MANIFOLD BARS



**1232 MANIFOLD BAR Mk2 420 X 38 X 25 MM.**

10 Inlets all G1/4. 1 each end. 4 at bottom. 4 at top for Pressure Gauge & Relief Valve etc. as required. 4 x M 6 fixing holes. Complete with 4 screws for fixing to a solid wall. Use 0465 G 1/4 Blanks to close unwanted holes.

Brass chrome plated. Maximum W.P. 414 Bar with Stainless Steel fittings or 330 Bar with Brass fittings. We offer a full range of adaptors to connect into this manifold with solid pipe or flexible hoses. Refer to our price list.



**1231 MANIFOLD BAR X 260 mm. 25 mm SQUARE SECTION.**

This manifold has 3 outlets on one side. Two outlets at the back plus an outlet at each end. As used in our charging panels. All threads are G 1/4



**1235 SWIVEL ADAPTOR X G1/4**

Has an "O" ring on seat of female thread to give a 100% seal. Use to line up our 6000 valves or any other fitting. For static use only. E.G behind charging panels.



**1140 DUAL DIN MALE INLET TO 2 X DIN 232 FEMALE Outlets.**

Inlet may be changed to any of our adaptors.

E.G: U.K. Bullnose, Euro Bullnose, Din 300 Or M 26 Male.

For use by technical divers to fit 2 Regulators to a single cylinder valve.

**PIN INDEX ADAPTERS**



1073 DIN 232 TO DRAEGER  
1090 DIN 232 TO AZIMUTH  
MALE-MALE ADAPTER



1333 DIN 232 MALE TO PIN INDEX BLOCK

1331 EURO BULLNOSE TO PIN INDEX BLOCK  
1332 U.K. BULLNOSE TO PIN INDEX BLOCK

*Din hand wheels are soft touch rubber mouldings*



1073HP DIN 300 TO DRAEGER  
MALE—MALE ADAPTOR



1338 G 3/4 FEMALE TO PIN INDEX BLOCK.



1330 INTERNATIONAL "A" TO PIN INDEX  
BLOCK.

1339 21.8 X 14 TO PIN INDEX BLOCK.



1337 PIN INDEX "A"  
TO G 1/4 MALE.



1335 PIN INDEX BLOCK  
TO G 1/4 FEMALE



1336 PIN INDEX "A" TO DIN  
232 FEMALE

**SWIVEL ADAPTERS**



3082 G 1/4 "T" SWIVEL  
W.P. 300 BAR



3084 G 1/4 SWIVEL ELBOW  
W.P. 300 BAR



3099 1/2" UNF ELBOW  
W.P. 30 BAR



3097 3/8 UNF. W.P. 232 BAR  
3098 7/16 UNF. W.P. 232 BAR



3087 3/8 UNF. W.P. 232 BAR  
3088 7/16 UNF. W.P. 232 BAR



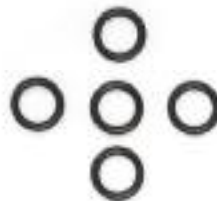
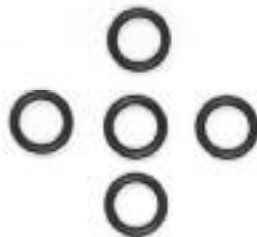
3085 3 WAY SWIVEL  
W.P. 232 BAR



3095 2 WAY SWIVEL  
W.P. 232 BAR



3083 TOOL KIT FOR ALL 3/8 & 7/16 SWIVELS COMPLETE WITH SEALS & CIRCLIPS



## 5700 AIR - CARE BREATHING AIR PURITY TEST KIT

A complete air purity test facility for monitoring the concentration levels of the following:

Carbon Monoxide	Ref: 5705
Carbon Dioxide	Ref: 5710
Oil Mist	Ref: 5715
Water Vapour	Ref: 5720

Functions from a Low or High pressure air supply between 4 to 230 Bar

Kit contains: Din 232 to International adaptor, container to snap off tube ends, 10 off each type of test tube, timer & a foam inlay for safe transport



The pressure regulator is set to pre-selected flow conditions as defined by "KITIGAWA" gas tube technology . This ensures an accurate and consistent result every time. *These tubes are not compatible with other Systems.*

Replacement tubes are available in packs of 10 tubes per type. Please refer to price list for code numbers and prices.

Each kit is supplied with a full operating manual which also has a test record card.

Carrying Case Dimensions:

33 x 23 x 10 cm  
Weight is 1.8 Kg.

## 6000 Mk 2 NEEDLE VALVE



### 6000 Mk 2a BALANCED NEEDLE VALVE

Designed to give very fine control over the flow of air. Each full turn of the handwheel lifts the seat by 1 mm. Inlet & outlet threads are G 1/4 and are designed to be used with all our various fittings. The body and shaft housing are chrome plated brass. The seat and shaft are of aluminium bronze for optimum strength. W.P. is 414 Bar. Now fitted with our new rubber handwheel for comfort.

**6000 OX** Oxygen version of the above valve. Available with Green Hand wheel.

### 6000 PM Mk2a NEEDLE VALVE

.Our panel mount valves will now come with 2 x 6mm threaded holes to mount the block to the panel. You will make a 29 mm hole in panel front so that our service tool can remove the shaft housing from the front of the panel for easy servicing and seat replacement. Full Instructions for assembly into a panel are supplied with each valve with a template for the location of the 6mm fixing holes.

### 6000 PMO Mk2a NEEDLE VALVE

Oxygen version of the above valve. Available with Green Hand wheel.



### 6000 PM Mk 2a NEEDLE VALVE With Gauge port x G 1/8

You may have this valve with a G 1/8 side entry on either the inlet or outlet side. *NB: 1270 must be ordered separately.* Please specify on your order or contact us.

### 6000 PMO Mk2a NEEDLE VALVE With Gauge port x G 1/8

Oxygen version of the above valve. Available with Green Hand wheel



### 1270 PIPE ADAPTER FOR 1/8" TUBE.

Fits into side of 6000 PM valve to give a feed to a pressure gauge.



## 6005 ISOLATION VALVE



### 6005 ISOLATION VALVE

Designed to be used at the outlet end of a charging hose to save on air or mixed gases. Threads are G 1/4 female and will accept all our charging adaptors. Din or international. Please refer to our price list and catalogue pages for details of connections available.



### 6005 PM ISOLATION VALVE

Valve as above left but for panel mounting with 4 X 4mm Screws into valve body. No bleed screw.



**0134 JET FIN STRAP. 39 cms. long**  
M.O.D. Code : NSN 4220 99 523 3413



3018 Moulded shoulder protectors  
For 45 & 50mm webbing



**1390 KEY RING HOLDER FOR "O" RINGS.**  
Miniature aluminium cylinder with plastic base that has "O" ring seal. Supplied with 5 valve seat seals. Available in 5 colours.

- 1240 MALE DIN BLANK IN BLACK or GREEN
- 1241 FEMALE DIN BLANK IN BLACK or GREEN
- 1242 MALE M26 BLANK IN BLACK (NEW)
- 1243 FEMALE M26 BLANKING CAP (NEW)



## 7500 THE ALL NEW LEVER VALVE.

This valve is designed to be panel mounted only. It will require a 22.5 mm hole. Valve comes complete with a washer and lock nut. There is a 6mm pin to give firm location. Manufactured in Brass and chrome plated. In standard form this valve will give an extremely high flow but we offer various kits to give much slower filling rates. Also we can supply 232 or 300 Bar Din connections to screw directly into the outlet port. This configuration is normally used by the Fire Service in conjunction with our 7528 Kit for the slow filling of "Kevlar" cylinders as it is important that they do not get hot. The 7506 valve comes to you Oxygen clean and may be used for Nitrox filling panels if used with one of our restricted flow kits. These may be fitted by us prior to shipping and will be marked on the box with the flow rate. Please refer to price list for full details. The simple 3 position operation is: Centre is off, Up is bleed & Down is fill. We recommend that you use our "Flow Stop" Din fittings with this valve as it is very easy to open by accident !!

**Maximum W.P.** 350 Bar.

**Inlet:** is G 1/4 Female to take our 1265 G 1/4 male or 1280 6mm Pipe Adapter.

**Outlet:** is G 1/4 Male to accept our charging hoses. Or 16 x 1.5 mm female if adapter is removed.

**We can offer this valve to be fitted to any of our charging panels. Please ask for details.**



7501 LEVER VALVE FOR AIR WITH EXHAUST FILTER TO ELIMINATE EXHAUST NOISE.

7506 LEVER VALVE AS ABOVE FOR OXYGEN & NITROX

Standard with our 7528 kit to give a filling rate of 47 secs. Per Ltr. To 200 Bar. Fitted with a Green lever For identification. Can be supplied with any flow rate.



7540 RUBBER BOOT



7530 SERVICE TOOL  
To remove / replace  
Service kits



7525 STANDARD HIGH FLOW SERVICE KIT

7526 SERVICE KIT TO FILL AT 9.5 SECS. PER LTR. @ 200 BAR

7527 SERVICE KIT TO FILL AT 17 SECS. PER LTR. @ 200 BAR

7528 SERVICE KIT TO FILL AT 47 SECS. PER LTR. @ 200 BAR



**5210 OXYGEN DE-CANTING ASSEMBLY WITH ANALOGUE GAUGE**  
**5215 OXYGEN DE-CANTING ASSEMBLY WITH DIGITAL GAUGE**

5098 100mm 0—275 Bar Gauge.  
With 2 bar scale. 1% accuracy.  
Complete with rubber cover.



Standard inlet is our 1220 bullnose  
But this may be exchanged for any  
of our oxygen fittings. Please see our  
list and specify.



DPM 300 Mk4 Digital Gauge  
With rubber cover. 0-400 Bar / PSI  
Highly accurate to 0.25%  
Not waterproof.  
***New model for 2006***

5044 Mixed Gas charging hose  
Nylon core, Kevlar braided with a green  
Polyurethane outer cover. 2 mtr. Long.  
W.P. 350 bar. Any length to order.



1082 Male Din 232 bar connection  
Now with rubber hand wheel for comfort.

## 7000 PRESSURE REGULATOR

*For air & Helium service.*



This is a compact and reliable pressure regulator for use with air or helium to 414 Bar- 6000 PSI. The Outlet pressure may be regulated between: 0 and 414 Bar. Other outlet pressures are available. Construction is of anodised aluminium with stainless steel internal parts. It is self venting and may be panel mounted with the optional mounting ring part No: 0750. The seat is protected by a filter. All threads are 1/4 NPT. There are inlet and outlet gauge ports in addition to the inlet & outlet ports. Stainless steel fittings for this regulator are available from stock to suit 1/8 & 6mm Tube. 8 & 10 mm sizes are available to order.

Outlet pressures available for both models are:  
0 to 400 PSI / 27 Bar  
0 to 1500 PSI / 102 Bar  
0 to 5000 PSI / 340 Bar  
0 to 6000 PSI / 408 Bar *Not available on 7010*

### 7010 BRASS PRESSURE REGULATOR

*For Oxygen service*

Identical to the above model but manufactured in brass for use with oxygen. This model can also be used for both air and Helium.

*A full service kit is available for both models, but specify model number when ordering.*



### 0755 ANTI-TAMPER CAP

To fit 7000 & 7010 Regulators. Prevents un authorised tampering of pressure settings. Simple to fit & remove. Anodised aluminium. Full installation instructions supplied.



### 0750 PANEL MOUNTING RING FOR 7000 & 7010

Complete with all fixing screws in stainless steel. Usually sits behind the Panel. Anodised Blue Aluminium.

# 7025 HIGH FLOW PRESSURE REGULATOR

*For air & helium service*



This Regulator is designed to give very high flow for use with Diver Control panels.  
All internal parts are Brass or Stainless steel.  
Inlet pressure to 6000 PSI / 408 Bar. Complete with panel mounting nut. Or panel mounting ring is available as shown below.  
Flow chart is available upon request. Or see it on our website.

Inlet thread is 1/4 NPT  
Outlet thread is 1/2 NPT  
Gauge ports are 1/4 NPT

Size: 75mm/ 3 inch x 125mm/ 5 inch Long  
Weight: 3 Lb./1.300 Kg.

Outlet pressures available for this Regulator are:

0 to 150 PSI / 10 Bar  
0 to 400 PSI / 27 Bar  
0 to 1500 PSI / 102 Bar  
0 to 5000 PSI / 340 Bar  
0 to 6000 PSI / 408 Bar



## 751 PANEL MOUNTING RING FOR 7025

Complete with all fixing screws in stainless steel.  
Blue Anodised Aluminium



**1080 B** Female DIN 232 Bar  
To G 1/4 Female.

**1080 BHP** Female DIN 300 Bar  
To G 1/4 Female.

**1080 M** M26 Female to G 1/4  
Female.



**1080 PM** Female DIN 232 Bar to G 1/4

Female for panel mounting.

**1080 PMH** Female DIN 300 Bar to G 1/4



**3089** Adjustable relief valve to  
10 Bar. 3/8 UNF thread.

**3089 H** Adjustable relief valve to  
20 Bar. 3/8 UNF thread



**1239** DIN Blanking plug with bleed.

Suitable for 200 & 300 Bar.

**NEW EUROPEAN NITROX VALVE ADAPTORS.**

**1078** M26 Male to Din 232 Female. To use current Regulators  
With the new M26 Nitrox cylinder valve.

**1100** M26 Female to Din 232 Male

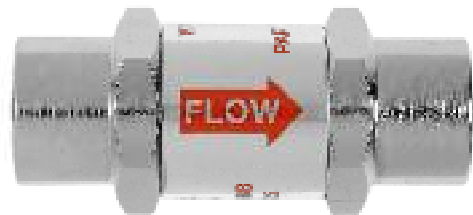
**1101** M26 Female to Din 300 Male

To use new Nitrox regulators with existing cylinders.



**5100** One way valve with G 1/4 Male threads.  
*Must only be used in static assemblies.*  
Max W.P. 414 Bar.

**5100 SK** Service kit for both 5100 & 5105 valves.  
Includes all "O" Rings + Spring.



**5105** One way valve with G 1/4 Female  
threads. Max. W.P. 414 Bar. Use  
with any of our adapters or pipe



1223 Block 50 x 25 mm with 2 x G 1/4 Female threads + Bleed screw.

1224 Block 50 x 28 mm with 3 x G 1/4 Female threads + Bleed screw.

1226 Block 50 x 28 mm with 3 x G 1/4 Female & no bleed.

1228 Spacer Block 50 x 25 mm with G 1/4 Female threads at ends only.



1227 Block 50 x 28 mm with 4 x G 1/4 Female threads & no bleed.

0460 Bleed Screw x G 1/8 to fit our blocks.  
Now all in Chrome plated brass.



1264 G 1/8 Male to G 1/4 Male with 60 cone each end

1265 G 1/4 Male to G 1/4 Male with 60 cone at 1 end only.

1265R G 1/4 Male to G 1/4 Male with restrictor hole & 60 cone

1266 G 1/4 Male to 7/16 UNF Male

1267 G 1/4 Male to 3/8 UNF Male

1431 G 3/8 Male to G 1/4 Male in 316 Stainless Steel

1273 G 1/4 Male to 9/16 UNF Male to take L.P. Hose fitting

1275 3/8 UNF Male to 9/16 UNF

1272 G 1/4 Gauge with PTFE seal to 1/8 Pipe.



1274 G 1/2 Gauge to G 1/4 Male.  
**Now swivels 360**



1260 G 1/4 Gauge with PTFE seal to G 1/4 Male.

1261 G 1/4 Gauge as above to 7/16 UNF Male.

1262 G 1/4 Gauge to G 1/8 male

1263 G 1/4 Gauge to 3/8 UNF

1268 G 1/4 Male to 7/16 UNF

Female with PTFE washer.

1286 G 1/4 Gauge to 1/4 NPT Male.



1235 G 1/4 Female with 60 cone seat & "O" Ring that swivels 360 degrees to G 1/4 Male stud. *Only to be used in static conditions. e.g. behind a panel to line up valves etc. DO NOT use on charging hoses.*



**3090 MEDIUM PRESSURE RELIEF VALVE .**

Thread is G 1/4. Construction is chrome plated brass.  
This may be easily adjusted between 150 & 250 bar. *CE Marked.*

**3091 HIGH PRESSURE PRESSURE RELIEF VALVE.**

Thread is G 1/4. Construction is chrome plated brass.  
*Model shown is 3091. Model 3090 is very slightly smaller.*  
This may be easily adjusted between 250 & 350 bar. *CE Marked.*

*Both models carry "CE" approval. Not to be used with 100% Oxygen.*



**1341 PIN INDEX VALVE**  
Valve for Oxygen use. Taper  
Thread 17 E



**1351**

**1350** Storage cylinder valve for Oxygen or Air. Outlet is G 5/8  
Female Bullnose to BS 341 No: 3. W.P. 200 Bar.  
Cylinder thread is 1 inch BSP Taper. E 25



**1350**

**1351** Valve as above but outlet is G 5/8 300 Bar Din.  
W.P. 300 Bar. Both valves are balanced to offer low  
opening resistance. Brass chrome plated. Now with  
Rubber handwheel for comfort.

**Note new order code numbers.**



**1072 BENCH MOUNTED TESTING ASSEMBLY.**

The G 1/4 female inlet is in the base.  
Supplied with our 4005 Din convertible  
valve. A 300 Bar valve may be substituted  
at no extra cost. Complete with 0—400  
Bar gauge. All chrome brass construction.  
**Can be supplied without the gauge or valve.**



**7100 REDUCING REGULATOR 200 BAR DIN**

There are 2 models giving an outlet flow rate of  
either 2 or 6 Litres per minute. Please specify  
Used for analysing gases. All chrome  
plated brass construction. Regret not available  
for 300 Bar.

## STAINLESS STEEL TWIN FERRULE PIPE FITTINGS

*Also available for 8 & 10mm Pipe*



1279 G 1/4 MALE TO 1/4 TUBE  
1280 G 1/4 MALE TO 6mm TUBE  
TOR



1290 6mm TUBE to 6mm TUBE  
1291 6mm TUBE to 1/4 TUBE



1285 G1/4 to 1/4 NPT  
MALE ADAP-

1281 G 1/4 MALE TO 1/8 TUBE  
1282 1/4 NPT MALE TO 6mm TUBE

1293 1/4 TUBE TO 1/4 TUBE



1294 1/4 NPT MALE TO 6mm  
BOW



1287 6mm EQUAL ELBOW



1295 G 1/4 SWIVEL EL-



1288 6mm EQUAL "T"



Stand pipe connector. G 1/4 to  
1/4 or 6mm Tube. Also 1/4  
NPT



1289 6mm 4 WAY CROSS



1284 1/4 NPT BLANK



1286 1/4 NPT MALE TO G 1/4 FEMALE



1292 6mm TUBE TO G1/4 FEMALE

1300 6mm x 1mm STAINLESS STEEL TUBE X 3mtr. LENGTH. W.P. 517 BAR



1305 6mm x 1.25mm TUNGUM TUBE X 3 mtr. LENGTH. W.P. 300 BAR. FOR OXYGEN



1310 1/8 X 22 swg TUNGUM TUBE. W.P. 550 BAR. USE FOR PRESSURE GAUGES



## 316 STAINLESS STEEL JIC & NPT ADAPTORS



1417 1/4 NPT MALE TO 1/4 NPT MALE

1418 1/4 NPT FEMALE TO G 1/4 MALE

1419 3/8 NPT FEMALE TO G 1/4 MALE

1420 1/4 NPT MALE TO 3/8 NPT MALE

1420 1/4 NPT MALE TO 1/2 NPT MALE

1425 1/2 NPT MALE TO G 1/4 MALE

1426 SAE 9/16 MALE TO G 1/4 MALE



1285 1/4 NPT MALE TO G 1/4 MALE

1430 G 1/4 MALE TO 1/4 BSPT MALE

1431 3/8 NPT MALE TO G 1/4 MALE

1432 G 3/8 MALE TO G 1/4 FEMALE

1433 G 3/8 MALE TO G 3/8 MALE



1402 JIC 4 FEMALE TO G 1/4 MALE

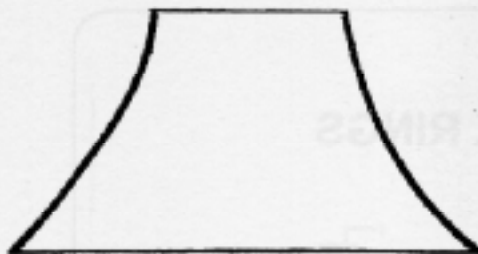
1416 JIC 6 FEMALE TO G 1/4 MALE



1400 JIC 3 MALE TO G 1/4 MALE

1401 JIC 4 MALE TO G 1/4 MALE

1415 JIC 6 MALE TO G 1/4 MALE

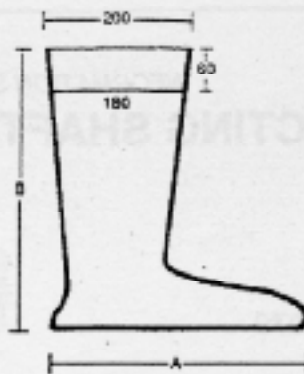


**NECK SEAL - CONTOUR TYPE**

Part No.710  
Available in Small, Medium & Large.

**NECK SEAL - TYPE A55**

Part No.720  
Same style designed to fit Avon and Viking Suits.



**3 "D" LONG BOOTS**

Part No.200  
2 Dimensional Socks.  
For Dry Suits with trouser opening size of 200 or 180 mm.

	Dim. A	Dim. B
Small	230	295
Medium	250	300
Large	270	305

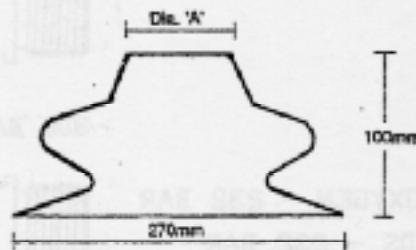


**WRIST SEAL - BOTTLE SHAPE**

Part No.1142  
Available in Medium or Large.  
For Heavy Duty Use.

**WRIST SEAL FOR VIKING SUITS**

Part No.1145  
Extra Long Wrist for Viking Dry Suits Only.



**NECK SEAL - BELLOWS TYPE**

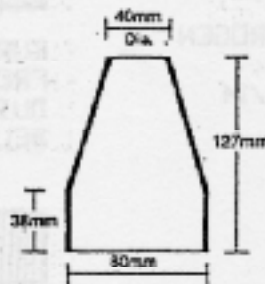
Part No.700  
Standard design. Three sizes, both with Trimming rings at Neck allows seal to be cut for personal comfort.

Large - 'A' dia 80mm  
Medium - 'A' dia 70mm  
Small - 'A' dia 60mm



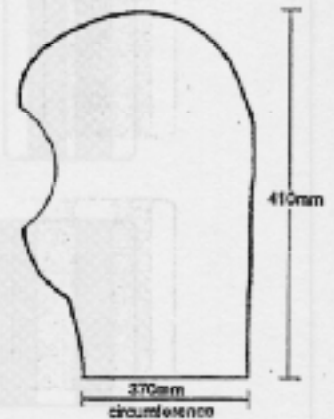
**ANKLE SEAL - BOTTLE SHAPE**

Part No.3810  
Available in Medium or Large.  
For Heavy Duty Use.



**WRIST SEAL - CONE SHAPE**

Part No.1132  
One size Seal with Sizing Rings at Wrist aperture to be cut for larger sizes.



**BALACLAVA HOOD**

Part No.3579  
Standard Flat Section Hood made for cost effectiveness, from flat formers but conforms readily to keep head dry, for extra comfort and warmth could be worn over Wet Suit Hood.



**GLOVES**

Part No.101  
5 Fingered Latex Rubber Glove with cotton liner.  
Sizes: Small Medium Large



**ANKLE SEAL - CONE SHAPE**

Part No.3809  
Tapered ankle which can be cut for a larger fit with 6 Trimming Rings.

*Many other seals available e.g. Manchettes or Wrist Seals with rolled edge - Please ask.*