



How does your Gauge range measure up?



- Copper alloy wetted parts
- Stainless steel case
- Glycerine filled
- Made in Germany

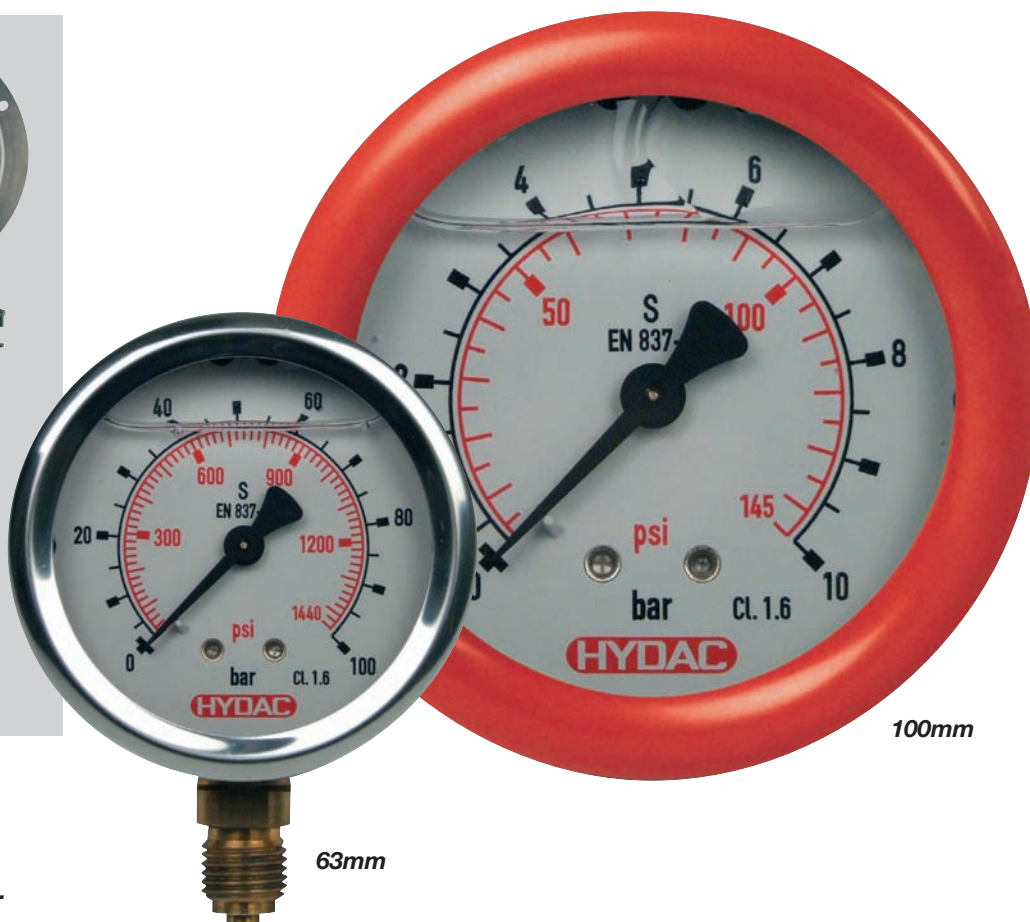
Pressure Gauges



HYDAC Manometer Pressure Gauges



Available in 63mm and 100mm the robust HYDAC manometer pressure gauges have a stainless steel case and liquid filling.



Intended for adverse service conditions where vibration and pulsation exist. The Hydac range of manometers are also suitable for gaseous or liquid media that will not obstruct the pressure system or attack copper alloy parts.

Casing:	Stainless steel	Process connection:	63mm gauge - G1/4" BSPp 100mm gauge - G1/2" BSPp
Measuring System:	Copper alloy	Accuracy class:	±1.6% of full scale deflection of span 63mm ±1.0% of full scale deflection of span 100mm
Nominal Sizes:	63mm & 100mm	Pressure gauge std:	International Standard EN 837
Range:	bar & psi		
Case filling fluid:	glycerine 99.7%		
Max Process Temp:	60°C		

Part #	Description	List \$
63mm diameter - Bottom Entry		
6051800	Manometer NG 63-1/0-G 1/4 B-Bottom	37.70
6051810	Manometer NG 63-1/3-G 1/4 B-Bottom	37.70
6051920	Manometer NG 63-0/4-G 1/4 B-Bottom	37.70
6051955	Manometer NG 63-0/6-G 1/4 B-Bottom	37.70
633218	Manometer NG 63-10-G 1/4 B-Bottom	37.70
6051844	Manometer NG 63-25-G 1/4 B-Bottom	37.70
6056920	Manometer NG 63-40-G 1/4 B-Bottom	37.70
6043219	Manometer NG 63-60-G 1/4 B-Bottom	37.70
6053333	Manometer NG 63-100-G 1/4 B-Bottom	37.70
6007515	Manometer NG 63-250-G 1/4 B-Bottom	37.70
6056951	Manometer NG 63-400-G 1/4 B-Bottom	37.70
6053952	Manometer NG 63-600-G 1/4 B-Bottom	39.10
63mm diameter - Rear Entry		
6005010	Manometer NG 63-1/0-G 1/4 B-Rear	47.95
6005120	Manometer NG 63-1/3-G 1/4 B-Rear	47.95
6005230	Manometer NG 63-0/6-G 1/4 B-Rear	47.95
6049784	Manometer NG 63-10-G 1/4 B-Rear	47.95
6052626	Manometer NG 63-25-G 1/4 B-Rear	47.95
6012086	Manometer NG 63-40-G 1/4 B-Rear	47.95
6004619	Manometer NG 63-60-G 1/4 B-Rear	47.95
633527	Manometer NG 63-100-G 1/4 B-Rear	47.95
6007003	Manometer NG 63-250-G 1/4 B-Rear	47.95
6000529	Manometer NG 63-400-G 1/4 B-Rear	47.95
6005007	Manometer NG 63-600-G 1/4 B-Rear	49.15
Staplelock Pressure Gauge DN10		
8590010	Manometer NG 50-600 DN10	114.90

Part #	Description	List \$
100mm diameter - Bottom Entry		
6023911	Manometer NG 100-10-G 1/2 B - Bottom	117.75
6023853	Manometer NG 100-25-G 1/2 B - Bottom	117.75
6025982	Manometer NG 100-40-G 1/2 B - Bottom	117.75
6008564	Manometer NG 100-100-G 1/2 B - Bottom	118.15
6025507	Manometer NG 100-250-G 1/2 B - Bottom	118.15
6003705	Manometer NG 100-400-G 1/2 B - Bottom	118.15
6023880	Manometer NG 100-600-G 1/2 B - Bottom	118.15
100mm diameter - Rear Entry		
6014191	Manometer NG 100-10-G 1/2 B - Rear	120.95
6014192	Manometer NG 100-25-G 1/2 B - Rear	120.95
6012572	Manometer NG 100-40-G 1/2 B - Rear	120.95
6010948	Manometer NG 100-100-G 1/2 B - Rear	131.45
6014104	Manometer NG 100-250-G 1/2 B - Rear	131.45
6023031	Manometer NG 100-400-G 1/2 B - Rear	131.45
6012949	Manometer NG 100-600-G 1/2 B - Rear	131.45
Rubber Cover to Suit 63mm & 100mm Diameter Gauge		
639690	Manometer NG 63 Rubber Cover	10.80
6073446	Manometer NG 100 Rubber Cover	12.00
Flange to Convert Bottom Entry Gauge to Surface Mount		
6073721	Manometer NG 63 Flange	8.00
6073590	Manometer NG 100 Flange	16.00
3 Hole Flange to Convert Rear Entry Gauge to Panel Mount		
606891	Manometer NG 63 Flush Mount Ring	9.50
606892	Manometer NG 100 Flush Mount Ring	15.00
U-Clamp Bracket to Convert Rear Entry Gauge to Surface		
6073444	Manometer NG 63 Bracket (Clamp Version)	8.75
6073445	Manometer NG 100 Bracket (Clamp Version)	12.00



Multistation Gauge Isolator



Multi-station gauge isolators are designed to check different pressures in a hydraulic system.

There are models with a built-in pressure gauge for different pressure ranges on models to which a separate pressure gauge can be connected.

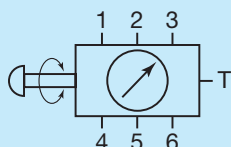
If it is necessary for the system pressure to be retained during the measuring process, the leakage free model must be used.



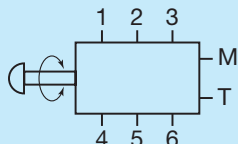
MSL

MS

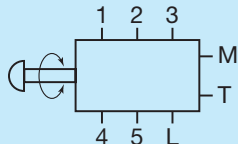
Type MS 2 /
MSL 2



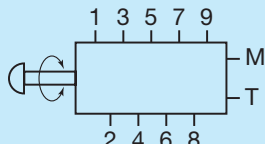
Type MS 4



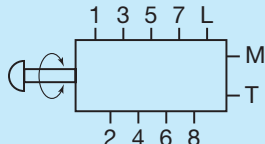
Type MS 5



Type MS 6



Type MS 7



2.1.2 Model Code

(also order example)

MLS 2 A 2 . 0 / 315 VD

Multi-Station Gauge Isolator

MS

MSL

with built-in pressure gauge

Type of Connection

A = G 1/4

B = M 8 x 1

C = manifold block mounting only for MSL

E = M 10 x 1

F = G 1/8

G = 1/4" NPTF

H = 7/16 - 20 UNF

S = M14 x 1.5 (SAE) ISO 6149

Type Code

Modification Number

Scale

40 = max. eff. indication range 40 bar / 570 psi (Scale 63 bar / 900 psi)

63 = max. eff. indication range 63 bar / 900 psi (Scale 100 bar / 1400 psi)

100 = max. eff. indication range 100 bar / 1400 psi (Scale 160 bar / 2300 psi)

180 = max. eff. indication range 180 bar / 2600 psi (Scale 250 bar / 3600 psi)

315 = max. eff. indication range 315 bar / 4500 psi (Scale 400 bar / 5700 psi)

Supplementary Details

V = Viton seals

D = Connection for external pressure gauge - only for MSL

Part #	Description	List \$
MS 2 -		
859009	MS-2A-2.1/040/063 BAR	573.00
859010	MS-2A-2.1/063/100 BAR	573.00
859011	MS-2A-2.1/100/160 BAR	573.00
859012	MS-2A-2.1/180/250 BAR	573.00
859013	MS-2A-2.1/315/400 BAR	573.00
859018	MS-4A-2.1/	377.00
859021	MS-5A-2.1/	377.00
859025	MS-6A-2.1/	475.00
859027	MS-7A-2.1/	475.00
MSL2 (Measuring points are shut off leakage free)		
700200	MSL-2A-2.1/040/063	558.00
700210	MSL-2A-2.1/063/100	558.00
700220	MSL-2A-2.1/100/160	558.00
700230	MSL-2A-2.1/180/250	558.00
700240	MSL-2A-2.1/315/400	558.00

Multi-Station Gauge Isolator

Type

4 = turn and press to read (6 positions)

5 = turn to read (5 positions)

6 = turn and press to read (9 positions)

7 = turn to read (8 positions)

Type of Connection

A = threaded connections for inline mounting

Type Code

Modification Number

Supplementary Details

5 = Threaded connections

V = Viton seals

12 = 7/16 x 20 UNF

14 = M12 x 1.5 (SAE) ISO 6149 MS 6/7

16 = M14 x 1.5 (SAE) ISO 6149 MS 4/5



Accumulators DEF 3,000./...



Filtration Range DEF 7,000./...



Filtration for Indust. Process.
DEF 7,700./...



Fluid Service DEF 7,929./...



Compact Hydraulics DEF 5,30./...



Accessories DEF 6,100./...



Electronics DEF 18,000./...



Cooling Systems DEF 5,700./...

HYDAC

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Local competence.**
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- HYDAC Headquarters
- HYDAC Companies
- HYDAC Distributors and Service Partners

HYDAC

AUSTRALIA

Melbourne - Head Office
109 - 111 Dohertys Road,
Altona North, VIC, 3025
Tel: (03) 9272 8900
Sales: (03) 9272 8999
Fax: (03) 9369 8912
Email: info@hydac.com.au

Queensland

Unit 3, 300 Cullen Avenue,
Eagle Farm, QLD, 4009
Tel: (07) 3630 1670
Fax: (07) 3630 1690

New South Wales

Unit 1, 3 Bosc Road,
Ingleburn, NSW, 2565
Tel: (02) 9605 3288
Fax: (02) 9605 3488

Western Australia

42 Millrose Drive,
Malaga WA, 6090
Tel: (08) 9209 2344
Fax: (08) 9209 2355

NEW ZEALAND

Auckland

Unit 14 13 Highbrook Drive,
East Tamaki, Auckland,
Tel: +64 9 271 4120
Fax: +64 9 271 4124
Email: info@hydac.co.nz
Web: www.hydac.co.nz