

Test Point Plugs

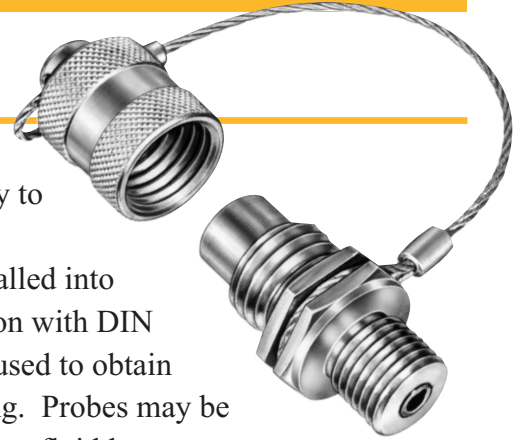


MP FILTRI (CANADA) INC.

Test Point Plugs (European Interchangeable)

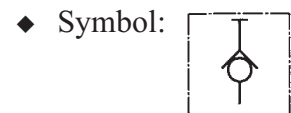
Description

- ◆ These Test Point Plugs are designed to be complementary to and interchangeable with similar equipment from other manufacturers using DIN 2353 standards. Plugs are installed into the hydraulic system hardware and are used in conjunction with DIN 2353 Pressure Test Probe equipment. The equipment is used to obtain random pressure checks during servicing and fault finding. Probes may be connected and disconnected at full system pressure without fluid loss or ingress of dirt.

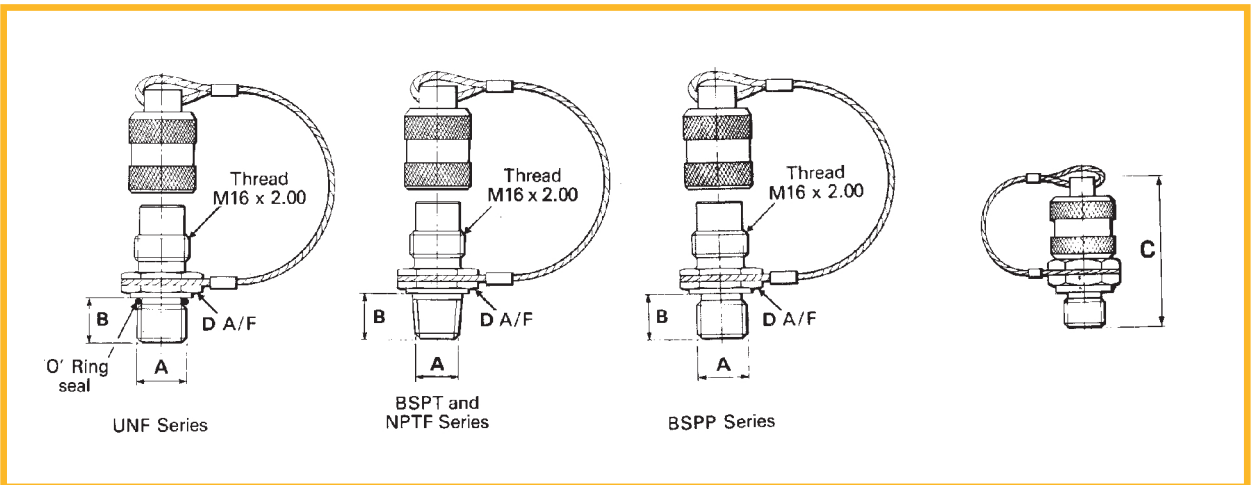


Technical Data

- ◆ Conforms to DIN 2353 standard
- ◆ Working pressure up to 6000 PSI
- ◆ UNF, NPTF (standard), BSPP, BSPT & METRIC (special order) ranges available for connecting to system.
- ◆ Manufactured in steel and passivated
- ◆ Viton seals are standard -20°C to +200°C



Dimensions



Part #	A	B	C	D	Wt
HSP2000-BV	1/4" BSPP	12.70mm	52.00mm	19.00mm	0.07kg
HSP2000-DV	7/16"UNF (-4 SAE)	9.15mm	49.50mm	17.00mm	0.07kg
HSP2000-EV	9/16"UNF (-6 SAE)	10.00mm	50.22mm	19.00mm	0.06kg
HSP2000-HV	1/4" NPTF	14.50mm	54.30mm	19.00mm	0.07kg
HSP2000-KV	1/8" NPTF	10.00mm	48.40mm	17.00mm	0.06kg

37° J.I.C. Hydraulic Hose Coupling With Test Point Plug

Description

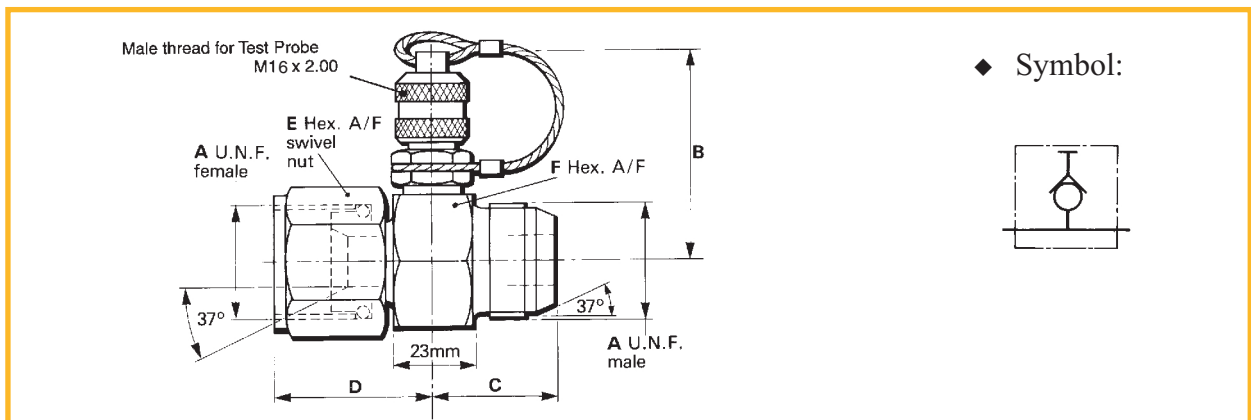
- ◆ Install J.I.C. Hose Couplings between the female swivel nut of the flexible hose and the fixed male connection. The integral Test Point may then be used with Test Probes or test kits to obtain pressure or temperature checks during servicing or fault finding. The Fluid Sampling Probe is also compatible. All probes may be connected and disconnected at full system pressure without fluid loss or ingress of dirt.



Technical Data

- ◆ Working pressure up to 6000 PSI
- ◆ Fitted with test point plug (European interchangeable)
- ◆ Can be used with direct or remote (flexible) test probes
- ◆ For J.I.C. 37° sizes: 1/4" to 1-1/2"
- ◆ Viton seals are standard
- ◆ -20°C to +200°C

Dimensions

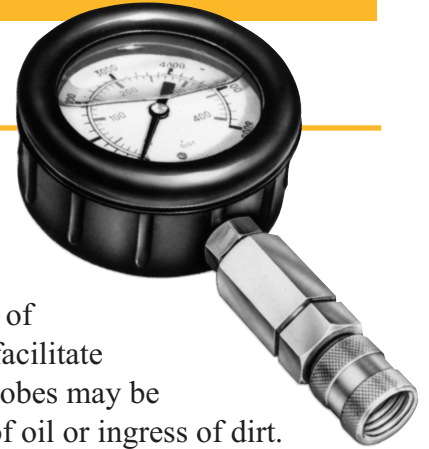


Part #	Size	A (UNF Thread)	B	C	D	E	F	Wt
HSP1040-4MV	1/4"	7/16"-20	51.18mm	25.50mm	30.95mm	14.28mm	28.57mm	0.13kg
HSP1040-5MV	5/16"	1/2"-20	51.18mm	25.50mm	33.13mm	15.87mm	28.57mm	0.14kg
HSP1040-6MV	3/8"	9/16"-18	51.18mm	25.70mm	33.91mm	17.46mm	28.57mm	0.15kg
HSP1040-8MV	1/2"	3/4"-16	51.18mm	28.30mm	33.73mm	22.22mm	28.57mm	0.16kg
HSP1040-10MV	5/8"	7/8"-14	54.36mm	31.30mm	38.45mm	25.40mm	34.92mm	0.25kg
HSP1040-12MV	3/4"	1-1/16"-12	54.36mm	33.30mm	41.59mm	31.75mm	34.92mm	0.30kg
HSP1040-16MV	1"	1-5/16"-12	58.33mm	34.60mm	43.73mm	38.10mm	42.86mm	0.43kg
HSP1040-20MV	1-1/4"	1-5/8"-12	66.33mm	24.30mm	45.00mm	52.00mm	50.80mm	0.78kg
HSP1040-24MV	1-1/2"	1-7/8"-12	75.81mm	27.50mm	48.00mm	56.00mm	56.34mm	0.90kg

Direct Gauge Adaptor Probe

Description

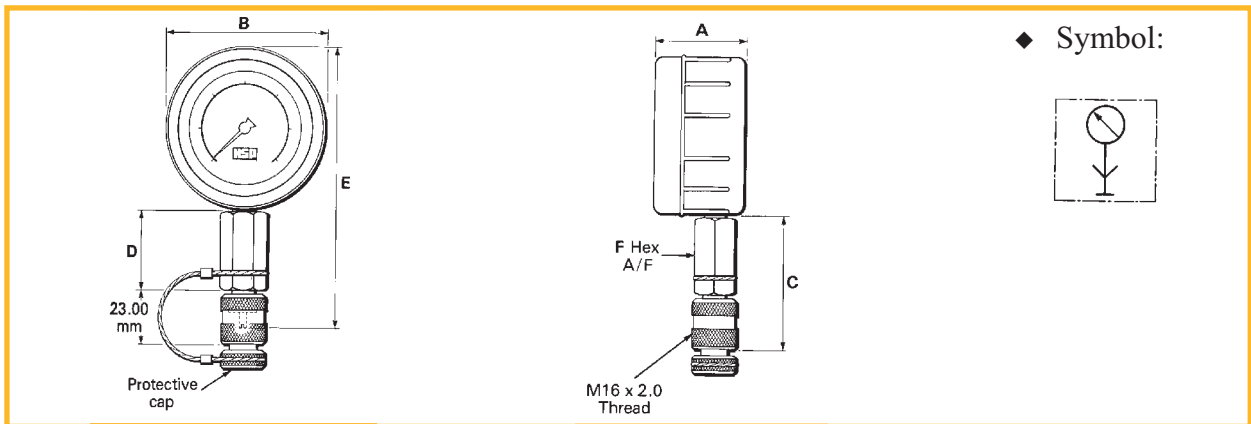
- ◆ This Direct Gauge Adaptor Probe is designed for use with Test Point Plugs or with plugs of other manufacturers to DIN 2353 standard. It may be supplied with or without a rubber shrouded pressure gauge. The probe can be attached to any one of a number of plugs installed throughout the hydraulic system to facilitate random pressure readings during servicing and fault finding. Probes may be connected or disconnected at full system pressure without loss of oil or ingress of dirt.



Technical Data

- ◆ Conforms to DIN 2353 standard
- ◆ Working pressure up to 6000 PSI
- ◆ For use with MPG series 2-1/2" & 4" dia. glycerine filled pressure gauges
- ◆ Suitable for HSP2000 & HSP1040 series test point plugs

Dimensions



Gauge Dia.	A	B	C	D	E	F	Wt
2-1/2"	38.00mm	75.00mm	68.00mm	36.50mm	133.00mm	19.00mm	0.36kg
4"	62.00mm	120.00mm	68.00mm	36.50mm	176.00mm	22.22mm	1.20kg

- ◆ Gauges sold separately refer to MP Filtri's MPG series Liquid Filled Gauges.

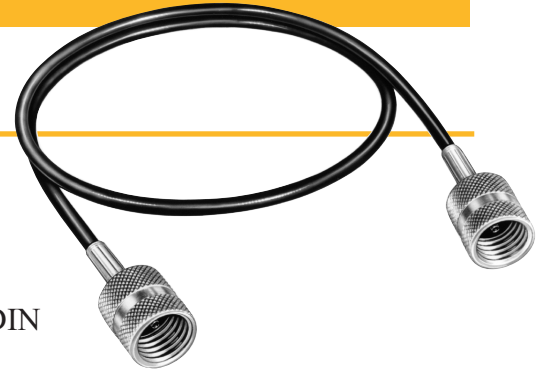
Probes

Part #	Description	Gauge Thread
HSP7000-2NV	Gauge Adaptor	1/4" NPTF
HSP7000-4SV	Gauge Adaptor	SAE-4
HSP7100-4NV	Gauge Adaptor	1/2" NPTF
P415	Rubber Gauge Protector (2-1/2" Gauge only)	N/A

Hose/Probe Assemblies

Description

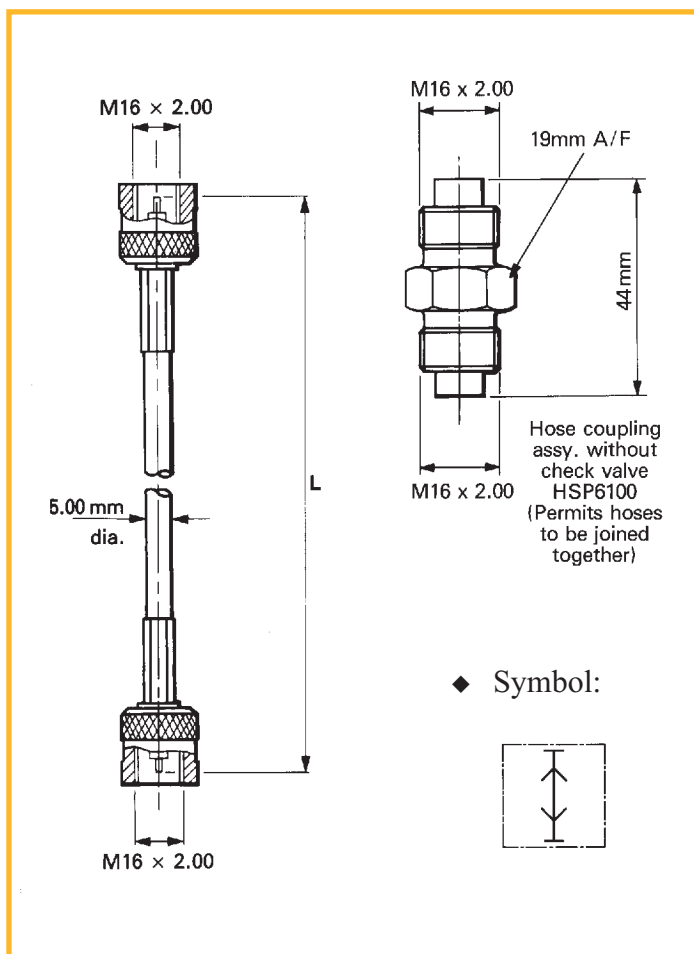
- ◆ These Hose/Probe assemblies are designed to be complementary to and interchangeable with similar equipment from other manufacturers using DIN 2353 standards. The Hose/Probe forms the link between the DIN 2353 hydraulic system Test Point Plugs and the Pressure Gauge/Adaptor assemblies, the whole arrangement being used to obtain random pressure checks during servicing and fault finding. Probes may be connected and disconnected at full system pressure without fluid loss or ingress of dirt.



Technical Data

- ◆ Conforms to DIN 2353 Standard
- ◆ Working pressure at 50°C up to 6000 PSI
- ◆ Choice of flexible hose lengths
- ◆ Steel components passivated

Dimensions



OPTIONAL HOSE LENGTHS

Part #	Length 'L'
HSP6000-12	12" (305mm)
HSP6000-24	24" (610mm)
HSP6000-36	36" (914mm)
HSP6000-48	48" (1219mm)
HSP6000-60	60" (1524mm)
HSP6000-72	72" (1829mm)
HSP6100	Hose Coupling

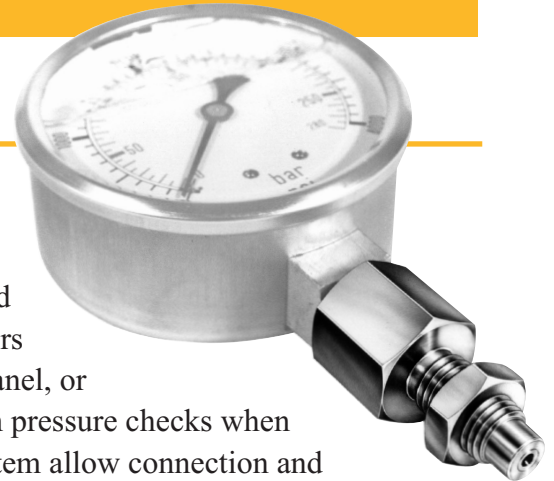
Temperature	Max. Working Pressure
50°C	6000 PSI
70°C	5225 PSI
80°C	5000 PSI
90°C	4775 PSI
100°C	4500 PSI
*120°C	3900 PSI

* Working at 120°C only allowed for a short time. Note: working pressure of hose must be de-rated as temperature increases. See table above.

Gauge to Hose Adaptors

Description

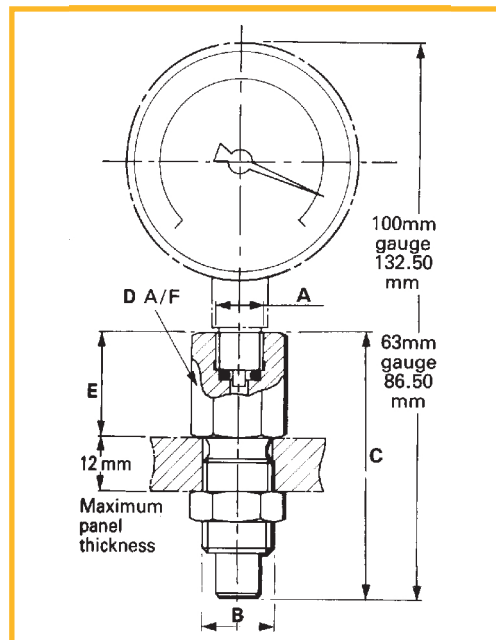
- ◆ These adaptors are designed to be complementary to and interchangeable with similar equipment from other manufacturers using DIN 2353 standards. They are used to connect the gauge to Hose/Probe assemblies. Adaptors may be bulkhead mounted in a control console or test panel, or hand held for use in servicing and fault finding to obtain pressure checks when required. Test Point Plugs installed in the hydraulic system allow connection and disconnection at full system pressure without loss of oil or ingress of dirt.



Technical Data

- ◆ Conforms to DIN 2353 standard
- ◆ Working pressure up to 6000 PSI
- ◆ To suit 1/4" or 1/2" NPTF or SAE gauges
- ◆ For use with MPG series pressure gauge

Dimensions



WEIGHTS:

- ◆ Adaptor with 2-1/2" gauge 0.29 kg
- ◆ Adaptor with 4" gauge 0.79 kg

Part #	A Thread	B Thread	C	D	E	Wt
HSP3000-4SV	7/16"UNF (-4 SAE)	M16 x 2.00	58mm	19mm	24mm	0.06kg
HSP3000-6SV	9/16"UNF (-6 SAE)	M16 x 2.00	61mm	27mm	27mm	0.15kg
HSP3000-2NV	1/4"NPTF	M16 x 2.00	58mm	19mm	24mm	0.06kg
HSP3000-4NV	1/2"NPTF	M16 x 2.00	61mm	27mm	27mm	0.15kg

Fluid Sampling Kit

Description

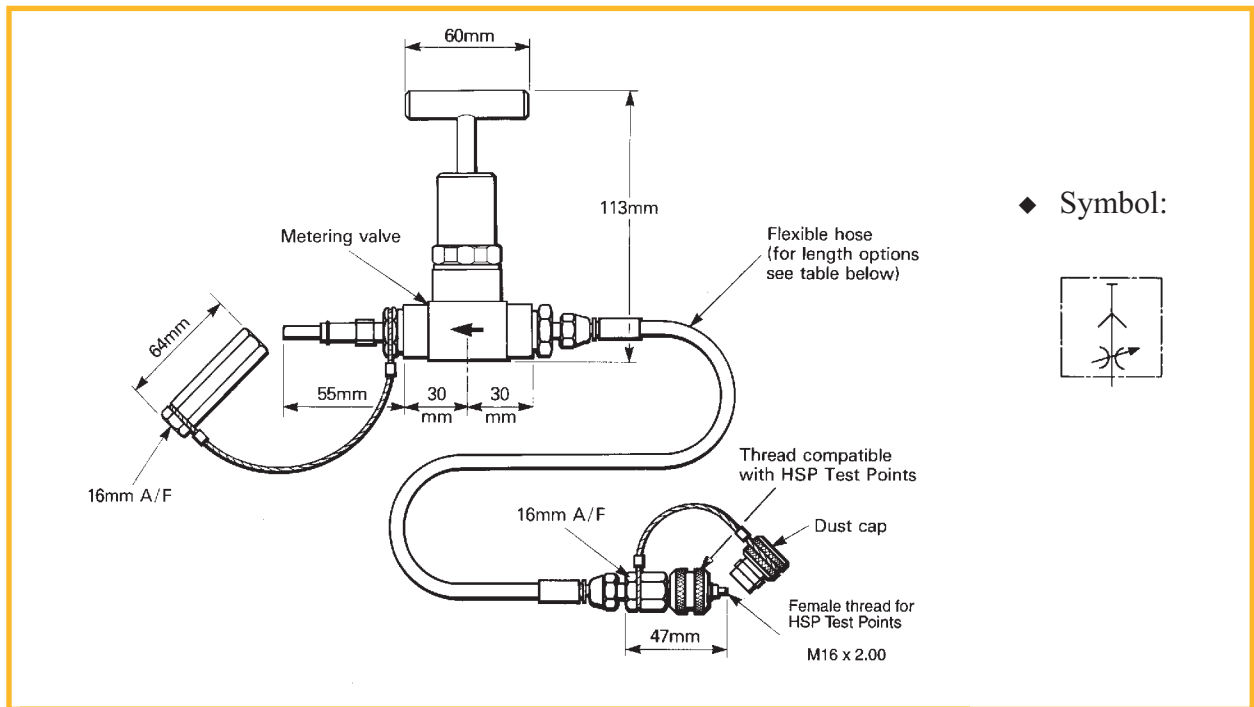
- ◆ The equipment comprises a screw on probe connected by flexible hose to an adjustable flow control valve which allows steady state fluid samples to be extracted from the working system ready for analysis. When used in conjunction with Test Point Plugs, the equipment facilitates the removal of fluid samples from selected points throughout a system without danger of extraneous contamination, even with the system at full working pressure and temperature.



Technical Data

- ◆ Designed for off-line bottle sampling
- ◆ Adjustable flow control for steady state samples
- ◆ Operates up to 6000 PSI system pressure
- ◆ Viton Seals are standard -20°C to +200°C

Dimensions



11-6

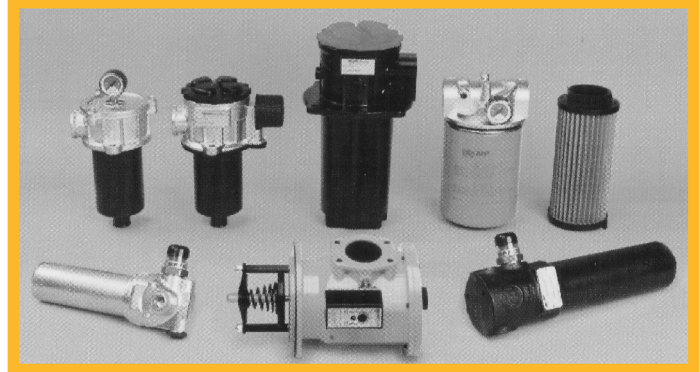
Part #
HSP690-CMV

Length 'L'
40" (1000mm)

Also Available From MP Filtri:

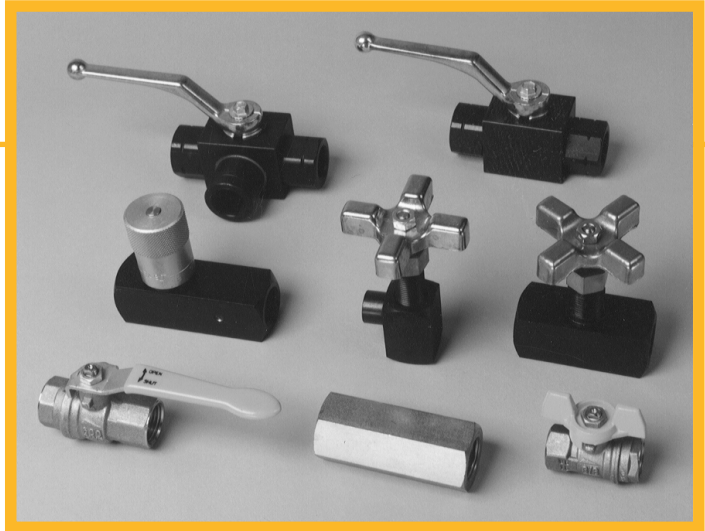
Filtration

- ◆ **High and Medium Pressure Filters**
Available with electrical and visual indicators.
Pressure to 5000 PSI.
Flows to 120 GPM.
- ◆ **Suction and Return Line Filters**
From strainers to tank mounted suction filters.
Return line filters in various styles to meet all applications.



Valves

- ◆ Flow Control Valves
- ◆ Check Valves
- ◆ Needle Valves
- ◆ Ball Valves



LPA2

- ◆ The LPA2 is a robust and rugged fully portable user friendly instrument, particularly useful in field applications where "ease of use" is fundamentals.
- ◆ The LPA2 gives accurate results of the amounts and sizes of contaminants on the spot.



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