MICRO-TEST SYSTEM

This Micro-Test System offers a simple, inexpensive means to check pressures in Hydraulic Systems. Multiple, permanently mounted pressure gauges, snubbers and shut off valves can be eliminated, thereby reducing initial cost. Replacement cost for gauges broken by system shock or external damage is also eliminated.

Micro Check Couplings can be installed at any point in a hydraulic system where pressure must be monitored. By using only one pressure gauge and a gauge adapter, or a gauge coupling and Micro-Bore hose, each point can be checked for pressure. For remote or hard to reach locations, a bulkhead coupling and Micro-Bore hose can bring the test points to a central panel to simplify pressure checks. The Micro-Bore hose is small enough and flexible enough to be installed like electrical wiring.

Pressure checks can be made while Hydraulic Systems are at full pressure. Micro-Test fittings and Micro-Bore hose can be used up to 6000 PSI.

The Micro-Test System offers optional hose ends to adapt to many other test couplings from other suppliers. It can also be used as a means of obtaining fluid samples from various points in Hydraulic Systems or as an air bleed device.

The Micro-Test System is versatile enough to use instead of tubing for permanently installed gauges, pressure switches, pressure transducers, pilot lines, etc.
Fittings

Material
Carbon Steel, Zinc Plated

Operating Pressure
6000 PSI (415 Bar)

Operating Temperature
-5°F to 200°F / -20°C to 90°C (Buna N)

Protective Caps
Yellow Plastic

Hose

Material
Polyamide core with synthetic fiber reinforcement, black polyamide cover.

Burst Pressure
27500 PSI (1900 Bar)

Operating Temperature
-40°F to 212°F (-40°C to 100°C)

Bend Radius
.80in (20mm)
### Gauge Connector

<table>
<thead>
<tr>
<th>MICRO-MINI P/N</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tbody>
<tr>
<td>GC-A-4P-1620</td>
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### Hose Union

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### Bulkhead Coupling

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### Gauge Adapter

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### Micro Check Coupling

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### Flare Adapter Assembly

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MICRO-BORE HOSE ASSEMBLIES

THE STANDARD HOSE ASSEMBLY USES HN-A-1620 HOSE NUTS. MICRO-BORE HOSE ASSEMBLIES CAN BE ADAPTED TO MANY OTHER EXISTING TEST FITTINGS.

MICRO-BORE HOSE ORDERING INFORMATION

HA-6M-1620-1620-12

MICRO-BORE HOSE ASSEMBLY

WORKING PRESSURE
6M = 6000 PSI

HOSE NUT
1620-16MM COARSE (STANDARD)
1615-16MM FINE
1215-12MM BUTTRESS
ST-STECK TYPE

LENGTH (inches)
12 60
24 72
36 96
48 120

OTHER LENGTHS AVAILABLE

FLARE REDUCER ASSEMBLY

TO BE USED TO ADAPT FLARE TUBING SYSTEMS TO FLARE ADAPTER ASSEMBLY (FA-A-06/08)

FR-A-16-06

LINE SIZE (SAE 37°)
08 14
10 16
12

REDUCED SIZE (SAE 37°)
06
08

24 Reduced Size Only