HYDRAULIC TEST STAND

Engineered for Years of Continuously Trouble Free Operation, Includes Precise Digital Gauges

Features: Precise Digital Flow, Pressure, and Temperature Gauges, Stainless Steel Construction and 100% Duty Cycle

Model 07-952-05

9283 Industrial Blvd, Leland, NC 28451 USA
Voice 910.371.1151 Fax 910.371.1152
ap-hydraulics.com
HYDRAULIC TEST STAND

Engineered for Years of Continuously Trouble Free Operation,
Includes Precise Digital Gauges

STANDARD FEATURES:

- **Controls**
  1. Pump Flow Adjustment
  2. Pump Pressure Adjustment
  3. By-Pass Dump Valve

- **Instrumentation**
  1. Digital Pump Flow Meter (1% Accuracy)
  2. Digital Pump Pressure Gauge (25% Accuracy)
  3. Digital Oil Temperature Gauge
  4. Hour Meter

- **Operational Warning Lights**
  1. Pressure Filter Condition LED Warning Indicator for Clogged Conditions
  2. Return Filter Condition LED Warning

- **Super Clean Filtration - Industry Leading Filtration Ensures Quality While Increasing Aircraft Component Life**
  1. High Efficiency, Non-Bypass Pressure Filter (3 Micron Absolute)
  2. Large Capacity Return Filter (6 Micron Absolute)

- 100% Duty Cycle, Will Deliver Maximum Flow @ Maximum Pressure
- Heavy Duty 3 Phase Motor
- All Welded, 14 Gauge B3 (Brushed) Stainless Steel Construction
- Work Sink Drain
- Illuminated Work Area Provided By Overhead Sink Light
- Automatic Oil Cooler Water Solenoid
- Extra Capacity Water to Oil, Oil Cooler
- Stainless Steel Reservoir
- Reservoir Desiccant Breather
- Durable Aluminum, Laser Engraved Placards
- Panel Mounted Operational Instructions
- Guaranteed No Leaks, Stainless Steel Pan Completely Covers Bottom
- Easy Maneuvering Ensured by Two Fixed and Two Swivel 4” Castors with Stability Provided by the Heavy Duty Floor Lock
- Current Pressure Gauge and Flow Meter Certificates of Calibration
- Easy Access Exterior Fluid Sampling Valve to Meet Quality Parameters

Dimensions: Depth 40”, Width 45”, Height 77”

<table>
<thead>
<tr>
<th>SERIES MODEL</th>
<th>PUMP PRESSURE PSI (bar)</th>
<th>MOTOR HP (kw)</th>
<th>PUMP FLOW 50 Hz GPM (lpm)</th>
<th>60 Hz GPM (lpm)</th>
<th>RESERVOIR CAPACITY US gallons (lt)</th>
</tr>
</thead>
<tbody>
<tr>
<td>07-952-**</td>
<td>0 - 4000 PSI</td>
<td>10 HP</td>
<td>5 GPM</td>
<td>6 GPM</td>
<td>15 usg</td>
</tr>
<tr>
<td></td>
<td>0 - 272 bar</td>
<td>7.4 kw</td>
<td>19 lpm</td>
<td>23 lpm</td>
<td>57 lt</td>
</tr>
<tr>
<td>07-954-**</td>
<td>0 - 5000 PSI</td>
<td>10 HP</td>
<td>3 GPM</td>
<td>4 GPM</td>
<td>15 usg</td>
</tr>
<tr>
<td></td>
<td>0 - 340 bar</td>
<td>7.4 kw</td>
<td>11 lpm</td>
<td>15 lpm</td>
<td>57 lt</td>
</tr>
</tbody>
</table>

**Model by Fluid Type:**  
Mil-H-5606 = 02  
Mil-H-83282 = 03  
Skydrol = 05

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Series 952 Hydraulic Test Stand Schematic
Ordering Instructions

Step 1: Determine Size of the Hydraulic Test Stand Required, Refer to Aircraft's Component Overhaul Manuals For:
A. Maximum (GPM) Gallons Per Minute
B. Maximum (PSI) Pound Per Square Inch
C. Testing Procedures and Operation of Components

Step 2: Refer to Aircraft's Component Overhaul Manuals for Type of Hydraulic Fluid.

Step 3: Determine the input voltage the Hydraulic Test Stand will be operated on. When ordering, the most common error is selecting incorrect input voltages 50 Hertz the flow will be reduced by 17%.

Step 4: Call A&P Hydraulics experienced sales staff for any questions for explanation of the complete range of Hydraulic Test Stand Options that we offer.

EXAMPLE:
Hydraulic Test Stand – 6 GPM @ 4000 PSI – Skydrol Fluid – 460 Volt 60 Hertz 3 Phase
Optional: Extra Pressure Gauge (0-60 PSI) and Safety Glass Doors

952 Series