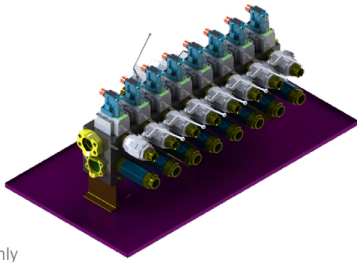


HYDRAULIC DISTRIBUTION MANIFOLD

AC-03-DM08

The Instron Hydraulic Distribution Manifold (HDM) facilitates seamless connection between a hydraulic power source, such as a Hydraulic Service Manifold (HSM) or Hydraulic Power Unit (HPU), and hydraulic devices like actuators. It simplifies hydraulic circuitry and optimizes the distribution of hydraulic power, with dedicated inlet ports for oil inflow and outlet ports for efficient distribution to connected components.



*Image for reference only

APPLICATIONS

- Aerospace and structural testing
- Automotive testing
- Rig systems and high-flow hydraulic applications
- Suitable for applications requiring hydraulic flow splitting or distribution

KEY FEATURES

- **DURABLE CONSTRUCTION:**
EN8 metallic block plated with Electroless Nickel for enhanced corrosion resistance.
- **PORT DESIGN:**
Features inlet, outlet, return, drain, and pilot ports for versatile system integration.
- **INTEGRATED DRIP TRAY:**
Manifold mounted on a free standing frame with a detachable stainless steel tray for easy drainage.
- **PRESSURE CONTROL:**
Incorporates a cartridge-type pressure reducing valve within the manifold block for precise pressure management.
- **PRESSURE MONITORING:**
Pressure display at each pressure port via gauges integrated into the circuit.
- **ADJUSTABLE OUTLET PRESSURE:**
Allows easy pressure adjustments at each outlet port via a cartridge-type pressure reducing valve.
- **BUILT-IN CHECK VALVES:**
Check valves are integrated at each return and drain line for added safety.
- **SHUT-OFF VALVES:**
Includes shut-off ball valves at each pressure and pilot line.
- **OPERATING AND TEST PRESSURE:**
Rated for operating pressures up to 210 bar, with a test pressure capacity of up to 315 bar.
- **FLEXIBLE CONFIGURATION:**
Standard 8-port configuration, adaptable for a wide range of applications.
- **HEAVY-DUTY COMPONENTS:**
All pressure gauges and ball valves rated for 400 bar pressure.
- **HIGH FLOW CAPACITY:**
Designed to handle 400 lpm flow.

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