

Product Name :
Multi Pump Test Rig**Product Code :**
Fluid00010**Description :**

Multi Pump Test Rig

Technical Specification :**Multi Pump Test Rig**

Multi Pump Test Rig

A mobile self-contained Multi-Pump Test Rig, containing all the services & instrumentation for determining the characteristic curves of eight different pumps at different speeds

For Rotodynamic Pumps:

- Pressure head vs flow
- Pump efficiency vs flow
- Power absorbed vs flow
- For positive displacement pumps:
 - Power absorbed vs pressure head
 - Flow vs pressure head
 - Volumetric efficiency vs pressure head
- Contains five different pump positions (four active at the same time). Digital readout enables mounting of selected pump
- Centrifugal pump and gear pump supplied as standard
- Axial pump, flexible impeller pump, turbine pump, diaphragm pump, plunger pump and a second centrifugal pump are all available as accessories
- Series/parallel pump demonstrations can be performed with the second centrifugal pump option
- Control valve incorporated upstream of each pump (except axial pump) to demonstrate the effect of suction loss on performance
- A PC (not supplied) is used to set the required speed of the pump(s) on test. A separate mimic diagram for the selected pump(s) on test displays the important measured and calculated variables
- Electronic measurement of flow, pressure head, suction head and motor torque
- Optional volumetric flow measurement system for reciprocating pumps
- Data logging and educational software included

Electrical and Electronics

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