

Product Name :
Computerized Gear Pump Test Rig

Product Code :
EEMECH45M0061

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Description :

Computerized Gear Pump Test Rig

Technical Specification :

- Two gear wheels operate inside a casing.
- One is driven while the other rotates in mesh with it.
- The output is a more even flow than that of a reciprocating pump.
- It is particularly suitable for high-viscosity fluids.
- The liquid is carried around in the space between consecutive teeth and then ejected as the teeth mesh.
- A motor-driven gear pump, mounted on a stainless steel plinth with a water reservoir and pipework for continuous circulation.
- The pump head and the water reservoir are manufactured from clear acrylic for maximum visibility
- The pump speed is accurately controlled by an advanced electronic inverter.
- The pump has no valves. It is a positive displacement pump and will deliver against high pressures.
- The conditioning electronics for the sensors and allows their readings to be displayed on the computer software.

- Flow rate.
- Motor shaft power.
- Pump efficiency.
- Volumetric efficiency.
- Max flow rate: 6.5 l/m typical
- Max head: 25m
- Max pump speed: 1,800rpm
- Motor power rating: 250W, 230 V, 1PH
- Dimension: 670x590x750mm
- Weight: approx. 50kg



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