

Product Name :

Computerized Gear Pump Test Rig

Product Code :

SLE/MCE/47



Description :

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- 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.

Specification:

- Flow rate.
- Motor shaft power.

Pump speed:

- 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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