

TECHNICAL DATA SHEET

QH FLUIDCAST™ PLA100 PLUNGER LUBRICANT APPLICATOR

The QH FLUIDCAST™ PLA100 is an advanced plunger lubricant applicator, with PLC control of lubricant delivery, incorporating an HMI interface.

The PLA100 is capable of delivering up to 10 litres per hour of plunger lubricant, in either drop or spray form, and can be used with a wide range of lubricant viscosities. The system is compatible with Quaker Houghton water free V Series or water based W series lubricants..

The lubricant application volume is controllable to an accuracy better than 0.5g per shot and the system be calibrated to give precise volume control for any given lubricant. For large plungers, greater than 100mm diameter, more than one application of lubricant per shot can be applied.

The system is PLC driven with a touchscreen HMI for quick and easy access to all settings and parameters.



Benefits

- Accurate and repeatable lubricant application
- Wide application volume range up to 10 litres per hour
- Wide range of lubricant types and viscosities can be used
- Small form factor
- User friendly touchscreen HMI for easy setup and control

Properties

PROPERTY	VALUE
Description	Plunger Lubricant Applicator
Max delivered flow rate	Max 10 L/min (2.6 gallons) at 100 cSt
Lubricant compatibility	Oil based and water based
Lubricant viscosity	100 cSt to 5500 cSt
HMI interface	Yes
Accuracy	Better than +/- 0.2g per shot
Application dimensions	500 x 500 x 250 mm
Applicator weight	20kg
Power supply	110V or 240V DC, 10A

FLUIDCAST™ PLA100 should be used with the QH PLUNGER SLICK® series of high performance liquid lubricants.

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