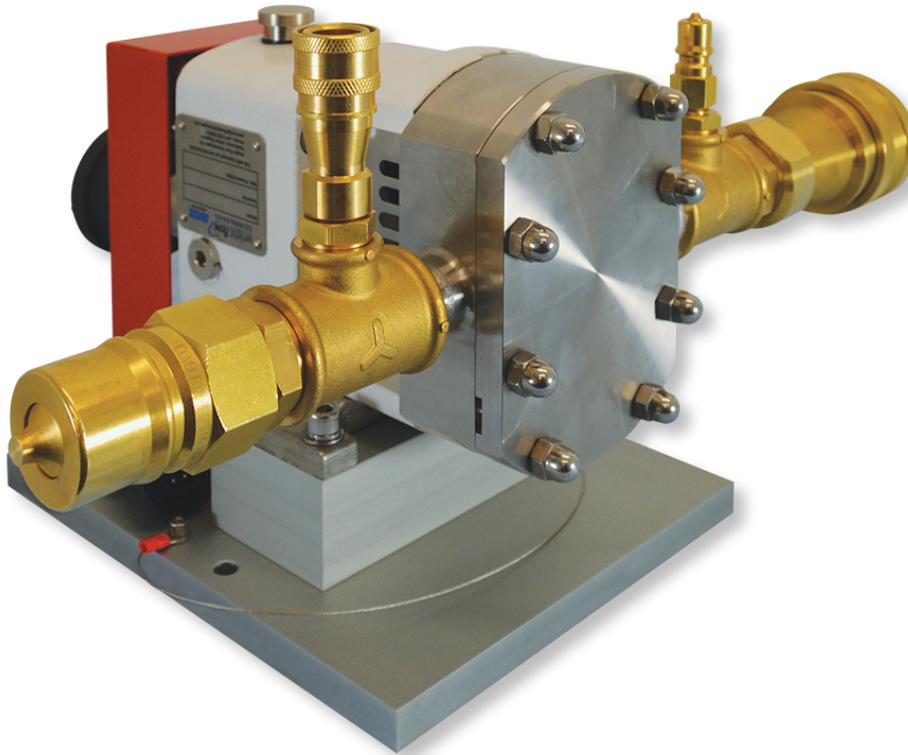


☰ LOBE PUMP

VDAS® H85F

Lobe pump for use with the Multi-Pump Test Set (H85V).



KEY FEATURES

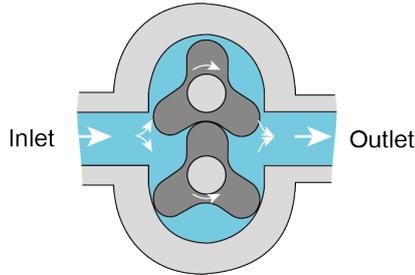
- Rotodynamic pump
- One of a set of optional pumps for use with TecEquipment's H85V Multi-Pump Test Set
- Mounted on a base plate that slots into the base unit
- Simple and safe to use, its foolproof fittings allow students to change and connect the pump quickly and easily without tools
- Corrosion-resistant materials for use with clean de-ionised water at safe temperatures

LOBE PUMP

VDAS® H85F

DESCRIPTION

The lobe pump is very similar to the gear pump, but lobes are used in place of gears. Each lobe is driven and they do not touch during operation. The wear is much less and, as they don't touch, lubrication needs are eliminated. This lends them naturally to food and applications requiring high sanitary levels. They are, however, more expensive than a gear pump.



STANDARD FEATURES

- Five-year warranty
- Made in accordance with the latest European Union directives
- ISO9001 certified manufacturer

ESSENTIAL BASE UNIT

- Multi Pump Test Set (H85V)



THE BASE UNIT (H85V) SHOWN WITHOUT A PUMP FITTED

LEARNING OUTCOMES

- Understanding pump performance.
- Creating characteristic curves from experimental data.
- Investigating, analysing and comparing the characteristics of different pump types (if more than one pump is purchased).

DETAILED SPECIFICATIONS

TecEquipment is committed to a programme of continuous improvement; hence we reserve the right to alter the design and product specification without prior notice.

NETT DIMENSIONS:

200 mm (length), 230 mm (height), 460 mm (width)

18 kg (weight)

OPERATING CONDITIONS

OPERATING ENVIRONMENT:

Laboratory

STORAGE TEMPERATURE RANGE:

-25°C to +55°C (when packed for transport)

OPERATING TEMPERATURE RANGE:

+5°C to +40°C

OPERATING RELATIVE HUMIDITY RANGE:

80% at temperatures < 31°C decreasing linearly to 50% at 40°C

PUMP TECHNICAL DETAILS

CC / Rev: 46

Nominal Maximum RPM: 1400

Rotation Direction: CCW

Nominal Maximum Pressure (bar): 5