BOOST PUMP

HAI

A small portable water boost pump designed for use with TecQuipment's Hydraulic Benches. It is used to increase the water pressure for high pressure experiments.

KEY FEATURES

- Small form factor, portable.
- Made from quality materials.
- Simple to use.

ESSENTIAL BASE UNITS

- Bernoulli's Theorem and Cavitation (H500) and Digital Hydraulic Bench (H1F). Boosts water pressure for high pressure experiments.

STANDARD FEATURES

- Five-year warranty
- Manufactured in accordance with the latest European Union directives
- Supplied with a comprehensive user guide
- ISO9001 certified manufacturer

ESSENTIAL SERVICES

ELECTRICAL SUPPLY (SPECIFIED ON ORDER)

This apparatus must be earthed. Supply circuit for this device must be protected by a Residual Current Device no greater than 30 mA.

Single Phase: 220-240VAC, 50Hz, 5A

or

Single Phase: 110-120VAC, 60Hz, 10A

OPERATING CONDITIONS

OPERATING ENVIRONMENT:

Laboratory

STORAGE TEMPERATURE RANGE:

–25°C to +55°C (when drained)

OPERATING TEMPERATURE RANGE:

+5°C to +40°C

OPERATING RELATIVE HUMIDITY RANGE:

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



SPECIFICATIONS

TecQuipment 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 AND WEIGHT:

350 mm high x 505 mm wide x 300 mm depth

and 16 kg weight

APPROXIMATE PACKED DIMENSIONS AND WEIGHT:

79cm high x 50cm wide x 56cm depth and 19kg weight

NOMINAL POWER: 1100W ± 10% (at nominal voltage).

OUTPUT POWER: 750W ± 10%.

MINIMUM BOOST PRESSURE: 5Bar.

IMPELLER MATERIAL: Stainless Steel 304 grade.

SEAL MATERIAL: Ceramic and Graphite.

PUMP BODY MATERIAL: Stainless Steel 304 grade / Aluminum.

MAXIMUM INLET PRESSURE: 1 Bar.

CONNECTION TYPE: Barbed boss for 22mm id tube.

POWER SWITCH TYPE: NVR (No-Voltage Release).

POWER SWITCH LOCATION: Top of the pump.

TECQUIPMENT LTD, BONSALL STREET, LONG EATON, NOTTINGHAM NG10 2AN, UK
TECQUIPMENT.COM +44 115 972 2611 SALES@TECQUIPMENT.COM

TECQUIPMENT