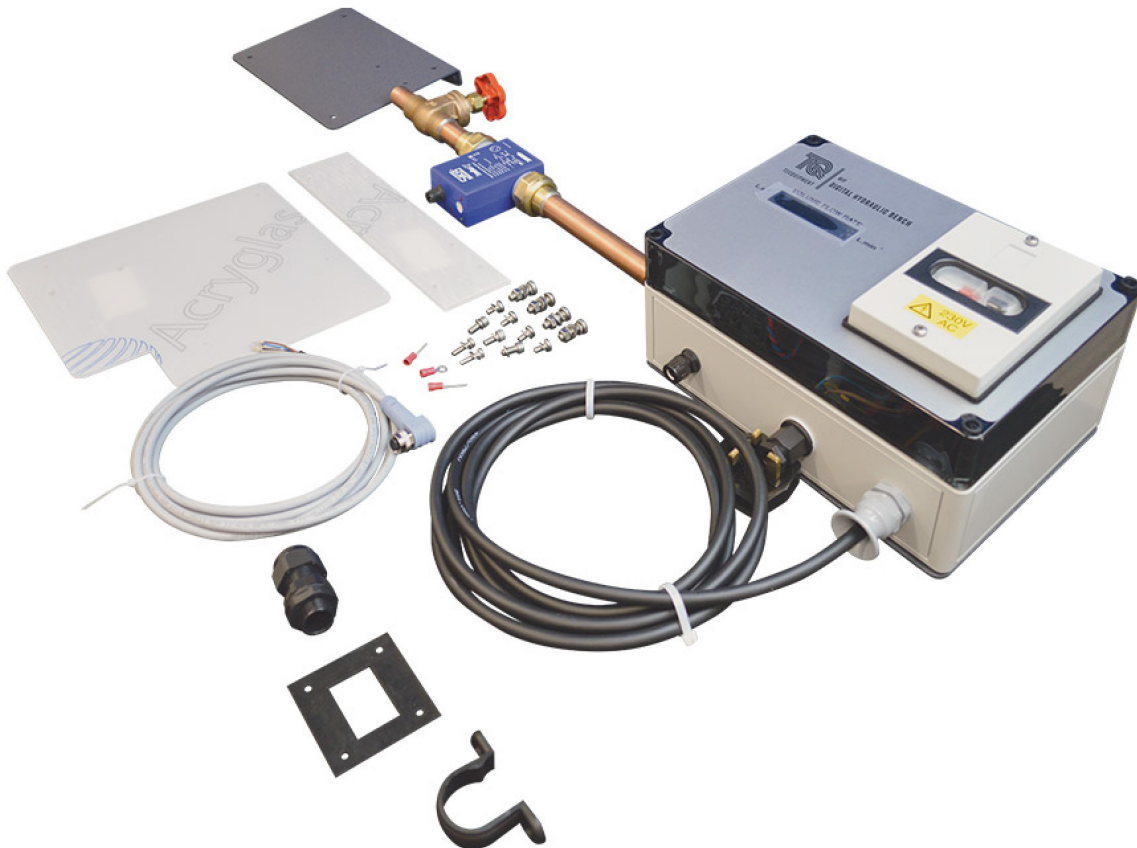


HIX

## UPGRADE KIT HI OR HID TO HIF

A kit of parts and instructions to upgrade either an H1 (Gravimetric Hydraulic Bench) or an H1D (Volumetric Hydraulic Bench) to an H1F (Digital Hydraulic Bench)



### KEY FEATURES

- A full set of parts and instructions to upgrade an existing TecEquipment Gravimetric or Volumetric Hydraulic Bench to the latest Digital Hydraulic Bench.
- Electronic flowmeter and digital display for accurate measurements and quicker experiments
- Once installed, allows for quicker more accurate recording of flow
- Once installed, allows students more time to perform experiments as flow rate calculations are no longer required.

### KEY SPECIFICATIONS

- Digital flow display
- 0.001 l.s<sup>-1</sup> and 0.1 l.min<sup>-1</sup> resolution
- Electronic flowmeter

# UPGRADE KIT HI OR HID TO HIF

## DESCRIPTION

H1x is an upgrade kit to convert either a TecQuipment H1 Gravimetric Hydraulic Bench (where flow rate is calculated by weight) or an H1d Volumetric Hydraulic Bench (where flow rate is calculated by volume) to the latest version, the H1f Digital Hydraulic Bench (where flow rate is recorded digitally).

All three products work as self-contained water sources and measuring systems.

TecQuipment's latest Hydraulic Bench (the H1f) uses a flow meter and digital display to accurately measure and display water flow. This version of the bench measures and displays flow rate quickly and easily allowing students to concentrate on other elements and the theory of the experiment in hand.

The H1x kit contains all the parts necessary to upgrade earlier versions of the Hydraulic Bench so that the full advantages of the flow meter and digital display utilised by the H1f are gained.

Once installed the electronic flow meter measures the outlet flow from the submersible pump. The signals from the flow meter pass to the digital display to show the flow rate. The viewing angle of the display allows the user to see it clearly from a normal standing position.

## STANDARD FEATURES

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

## DETAILED 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:

(Parts together all dimensions are approximate)

230 mm (height); 450 mm (width); 420 mm (deep); 6 kg (weight).

### FLOWMETER DISPLAY:

l.s<sup>-1</sup> and l.min<sup>-1</sup>

### RESOLUTION:

0.001 l.s<sup>-1</sup> and 0.1 l.min<sup>-1</sup>

## 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

## ESSENTIAL SERVICES

### SINGLE-PHASE, EARTHED ELECTRICAL SUPPLY (SPECIFY ON ORDER):

- 220 VAC to 240 VAC, 50 Hz **OR**
- 110 VAC to 120 VAC, 60 Hz **OR**
- 220 VAC 60 Hz