

HIF DIGITAL HYDRAULIC BENCH



TEC EQUIPMENT



This fully mobile digital hydraulic bench supplies a controlled recirculating water supply to 18 different bench-mounted and free-standing experiment modules.

It has an electronic flow meter and digital display for accurate measurements and quicker experiments.



EXPERIMENT MODULES

FLOW VISUALISATION FC15



FLOW THROUGH AN ORIFICE H4



BERNOULLI'S THEOREM H5



DISCHARGE OVER A NOTCH H6



FRICTION LOSS IN A PIPE H7



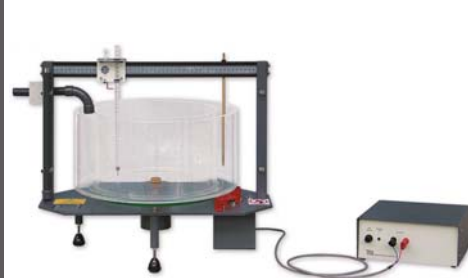
IMPACT OF A JET H8



FLOW MEASUREMENT METHODS H10



VORTEX APPARATUS H13



FRANCIS TURBINE H18



PELTON TURBINE H19



HYDRAULIC RAM PUMP H31



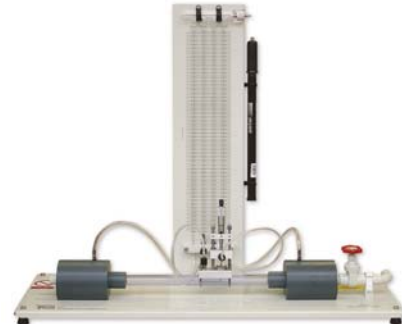
JET TRAJECTORY AND ORIFICE FLOW H33



PIPEWORK AND ENERGY LOSSES H34



FLOW METER CALIBRATION H40



LOSSES IN PIPING SYSTEMS H16



2.5-METRE FLOW CHANNEL FC50-2.5



PIPE SURGE AND WATER HAMMER H405



FLUID FRICTION APPARATUS H408

