

FC300W

## MULTITUBE MANOMETER

A 20-tube manometer for measuring pressure when using the FC300 Flumes. It mounts onto the side of the FC300 on the instrument rails.



### KEY POINTS

- Twenty-tube manometer for measuring pressure taken from monitoring points on models and in the base of FC300 water channels
- Uses water as a manometer fluid
- Easy-to-read scale common to each manometer tube
- Adjustable mountings for precise set up

# MULTITUBE MANOMETER

## DESCRIPTION

A 20-tube manometer for measuring pressure on models in FC300 Flumes.

A backboard with a graduated scale holds each manometer tube. For safety and convenience the manometer uses water as the manometer fluid.

The bottom of each manometer tube has a connection piece for tubing to connect to pressure tapplings on the equipment being monitored. The top of each tube is open to the atmosphere.

The tubing between the manometer and the equipment being tested must be completely filled with water.

The manometer is designed to be hung on the top rail of an FC300 series water channel. It can be adjusted both horizontally and vertically for levelling.

It can be connected (via easy to use, self sealing, push connections), to the tapplings in the bed of the flow channel to measure the changes in depth along the length.

## DETAILED SPECIFICATION

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

### NETT DIMENSIONS AND WEIGHTS:

1040 mm (height), 630 mm (width), 180 mm (depth)

12kg (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% for temperatures up to 31°C, decreasing linearly to 50% relative humidity at 40°C

Altitude up to 2000 m