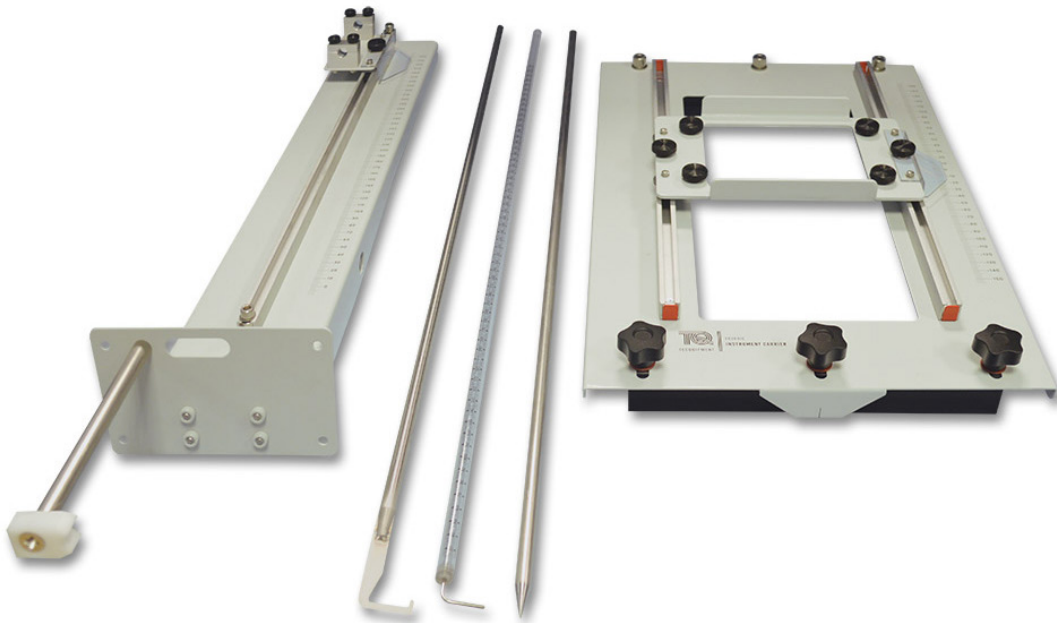


## INSTRUMENT CARRIER

### FC300IC

The instrument carrier can precisely place the tip of the supplied instruments at any position in the x, y, and z planes of TecQuipment's FC300 Flumes range.



### DESCRIPTION

The Instrument Carrier is an ancillary for use with TecQuipment's FC300 Flumes range. It is used to precisely place an instrument tip in the x, y plane at any point along the length of the flow channel (the z plane).

The instrument carrier is supplied with three instruments:

- Hook depth gauge
- Point depth gauge
- Pitot tube

The carrier consists of a base that fits to the rails that run along the top of the flow channel, and an upright that holds the instrument in position against scales that pinpoint its position.

The carriage can be fixed at any point along the channel.

The position of the centre point of the carrier is marked by a slot in its edge. Distances of the instrument in the carrier, with respect to other items in the channel, can be measured from this point (the 'z' plane).

The instrument mounted in the carrier can slide from side to side across the section (the 'x' plane).

The instrument can also be moved up and down against the scale on the edge of the instrument carrier (the 'y' plane).

The FC300ic can therefore place an instrument accurately at any point along the length and cross-section of the channel.



HOOK DEPTH  
GAUGE

PITOT TUBE

POINT DEPTH  
GAUGE

# INSTRUMENT CARRIER

FC300IC

## STANDARD FEATURES

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

## ASSOCIATED ANCILLARIES

FC300x Propeller Flowmeter with Digital Display, this instrument can be mounted onto the instrument carrier.

## OPERATING CONDITIONS

### OPERATING ENVIRONMENT:

Laboratory

### 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

## SPECIFICATIONS

TecQuipment 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:

Carrier assembled: Height: 709 mm; length: 460 mm; width: 304 mm

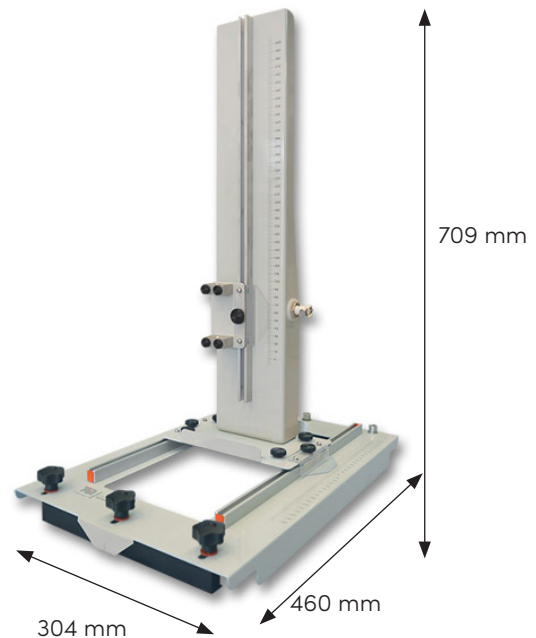
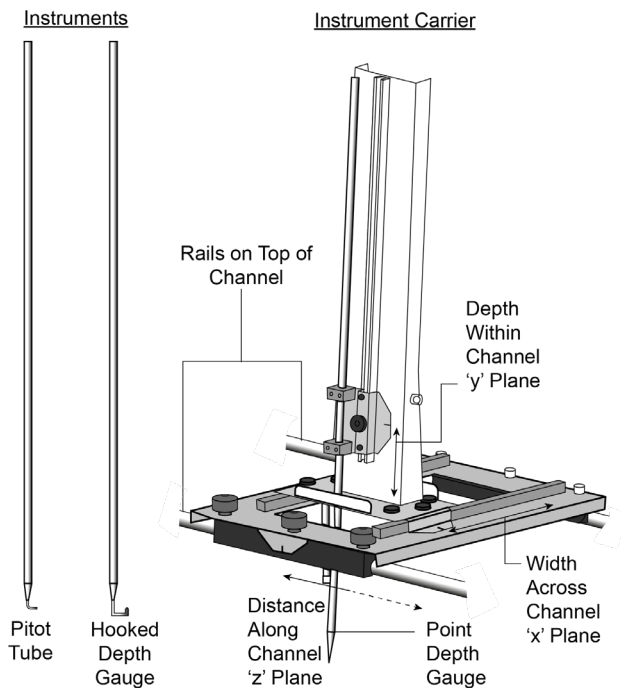
Hook gauge length: 760 mm

Point gauge length: 745 mm

Pitot tube length: 770 mm

### WEIGHT:

6 kg (including instruments)



## ESSENTIAL BASE UNIT

- Flume (FC300)

## RECOMMENDED ANCILLARIES

- Water velocity meter (FC300x)
- Manometer (FC300w)