

# FM 100 Accessory



## FM 100 Extension Set

The FM 100 Extension Set from **DriveTest** facilitates the measurement of different gap widths. This equipment enables the user to perform measurements compliant with the European norm EN 12445/12453. Required widths of 30 and 50 cm can be easily realized.

### Technical data:

- Maximum Force: >2000 N
- Material: Aluminium/V2A

### Components:

- 25 cm piece with force initiation 80 mm (useable for a gap of 30 cm)
- 20 cm piece (together with the 25 cm piece usable for a gap of 50 cm)

### Handling:

#### Vertical force:

- Screw extension(s) onto the upper side of the FM 100
- Put the FM 100 on the ground
- Start the measurement

#### Horizontal force:

- Screw extension(s) onto the lower side of the FM 100
- Bring the FM 100 manually in measurement position
- Start the measurement



Art.No.: 1052

Article: FM100-DG-SP-30-50

## FM 100 All-in-One-Case

The FM 100 All-in-One-Case stores the complete FM 100 system (FM 100 sensor and electronic box) and the extension set.

Dimensions: 48 cm x 35 cm x 18 cm  
Weight netto (empty): 3.3 kg



Art.No.: 2210

Article: FM100-DG-OP,  
upgrade all-in-one-case

# FM 100 Accessory

## FM 100 Load bar

The FM 100 load bar from Piher facilitates the measurement of large opening widths. With the help of the load bar can open widths of 45 cm to 295 cm be realized. The following lengths are available:

- 40 cm to 60 cm
- 60 cm to 100 cm
- 95 cm to 170 cm
- 155 cm to 290 cm

### Technical data:

- Maximum force at 255 cm opening width: >2000 N
- Material: steel

### Components:

Load bar from Piher with stable rubber foot and threaded bolt for FM 100.

### Handling:

Screw the load bar in the bottom of the FM 100.



**Art.No.:** 30086  
**Article:** FM100-DG-SP-600  
**Art.No.:** 30087  
**Article:** FM100-DG-SP-1000  
**Art.No.:** 30088  
**Article:** FM100-DG-SP-1700  
**Art.No.:** 1055  
**Article:** FM100-DG-SP-2900

## FM 100 Fixture set for barriers

The FM 100 fixture set for barriers from **DriveTest** enables a standard compliant measurement of barriers according to DIN EN 12453. The fixture set is stepless in the height of 85 cm up to 140 cm adjustable. The angle of the FM 100 is also infinitely variable adjustable. Other heights on request available.

### Technical data:

- Maximum force at 140 cm opening width: >2000 N
- Material: Aluminium

### Components:

FM 100 fixture set with quick-release fasteners for height and angle adjustment. Slip resistant rubber at the bottom.

### Handling:

Mount the FM 100 sensor with the attached adapter to the fixture set. Adjust height and angle with the quick-release fasteners. Load base-plate with a person or suitable weight.



**Art.No.:** 30089  
**Article:** FM100-DG-FX Barrier

## FM 100 Trolley

There is a countless number where you must bend down to repositioning your FM 100 on a measurement day. With our FM 100 trolley you can reposition your FM 100 comfortable, without to bend down. That saves time and protects your back.

### Technical data:

- Dimensions retracted: 50 cm x 23 cm x 21 cm

- Dimensions extended: 105 cm x 23 cm x 21 cm
- Weight: 1.3 kg
- Material: Aluminium/POM

### Components:

FM 100 trolley with extendable handle, 2 durable smooth running wheels and device holder for the FM 100.

### Handling:

The FM 100 can be mounted to the shunting car without tools.



**Art.No.:** 30090  
**Article:** FM100-DG-AC Trolley