

Safety ensured by Pinch Force Measurement

DriveTest GmbH develops and produces test systems for the world-wide use in the facility management industry. As one of the pioneering companies in the field of pinch force measurement DriveTest offers a broad range of different devices for a variety of applications. Every device supports the testing of pinch forces according to an applicable standard. Our customer service comprises the consultation, maintenance and calibration of the measuring devices. Major customers are international airports, building technology companies and facility service companies.

The **FM 300 BT** from DriveTest is a wireless pinch force measuring system for power driven elevator doors and machinery protection systems. The FM 300 BT is a redesign of the proven and tested FM 300.

Typical applications include final inspection of new installations, and periodic conformance testing of existing equipment.

It combines the customer approved rugged construction and precision of its predecessor with the new flexibility of a wireless solution.

The FM 300 BT system is setup for measurements in no time. Connect the device to the app via Bluetooth, choose the measurement to perform and the system is ready to test elevator doors and machinery protection systems according to the applicable standard. The app guides the user through the workflow which is required by the standard. Reports for the performed measurements are instantly generated and are available for sending or storing. The app stores tested doors in a database, thereby facilitates the task of recording periodic measurements. Using barcodes or QR codes for identification of tested doors from inside the app is an additional feature preventing errors and making testing even simpler.



- **Applicable Standards** – EN 81-1, EN 81-2, EN 81-20:2014, EN 81-50:2015, EN 14120
- **Time saver** – instant feedback and on-site evaluation in combination with digital reports saves a lot of time and will pay off the system within weeks
- **Precision measurements** – uses single point load cell
- **Robust construction** – casing manufactured from durable material for long service life in industrial environments
- **Wireless** – no more bothersome cables
- **Paperless office** – helps to reduce the time spend with paper work and protects the environment
- **Easy to control** – known principles from everyday life
- **Complete customer support** – in-ho use calibration service; update service ensures use of newest standards version

FM 300 BT

Sensor FM 300 BT

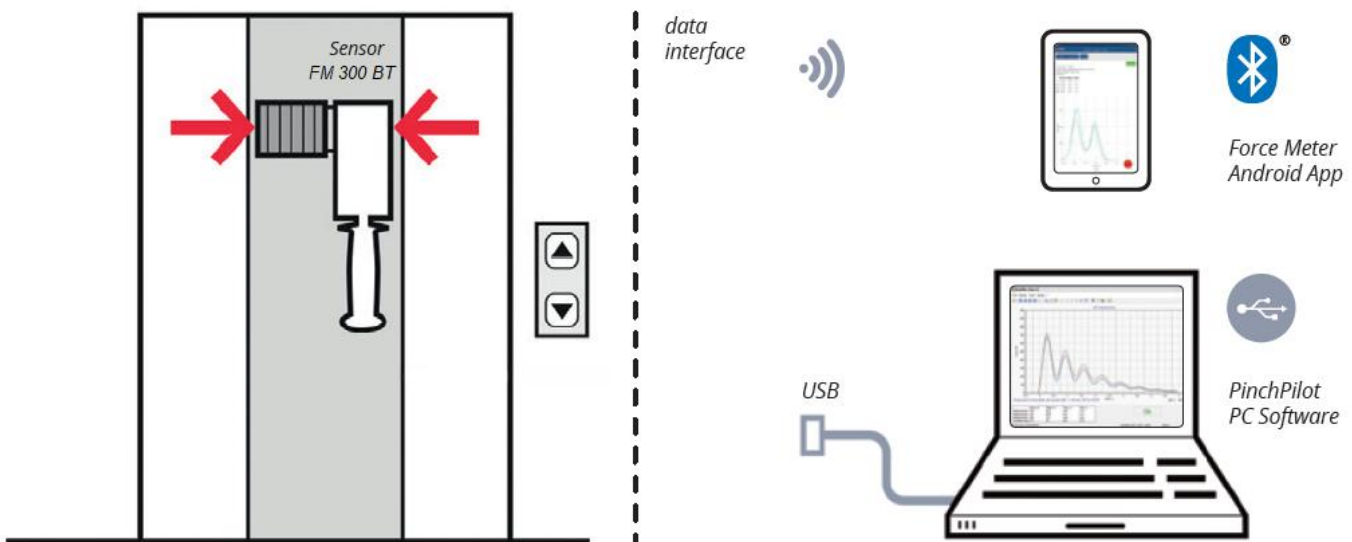
Measurement Range:	0-750 N
Measurement	+/- 3 N or 3 %
Tolerance:	whichever is greater
Stiffness:	25 N/mm
Gap width:	150 mm
Area:	58 mm
Measurement	
Technique:	Strain Gauge Bridge
Size:	280 x 150 x 60 (82) mm
Weight:	1.5 kg

App Force Meter

- Intuitive user interface
- Graphical display of force vs. time
- Calculation of relevant parameters
- Instant feedback for failed/ passed
- Guided workflow
- Support for user defined standards
- Automatic measurement object detection (QR-, barcodes)
- Instant report creation (PDF)
- Available for Android 5.0 and newer
- Connection: Bluetooth Low Energy
- Download in Google's Play Store

PC Software PinchPilot

- Graphical display of force vs. time
- Calculation of relevant parameters
- Assessment with respect to different standards
- Support for user defined standards
- Printed reports
- Data export (Excel, CSV, PDF)
- Available for Windows Vista, 7, 8 and 10
- Connection: USB



What's included?

- Wireless force measurement device
- Transportation case with foam inserts for ease of storage and transport
- USB cable
- USB stick with software PinchPilot
- App Force Meter (download in Google's Play Store)
- User manual
- Calibration certificate



Optional equipment:

- Extension set consisting of 3 pieces for an opening width up to a maximum of 51 cm

