



## Safety ensured by Pinch Force Measurement

**DriveTest GmbH** develops and produces test systems for the worldwide 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.

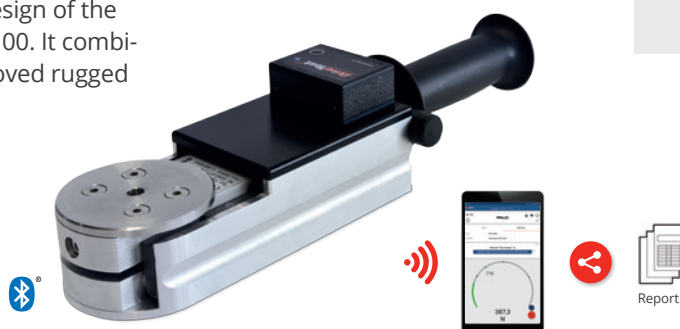
The FM 100 BT from **DriveTest** is a wireless pinch force measuring system for power driven doors and gates. Typical applications include final inspection of new installations, and periodic conformance testing of existing equipment.

The FM 100 BT is a redesign of the proven and tested FM 100. It combines the customer approved rugged

construction and precision of its predecessor with the new flexibility of a wireless solution.

The system is setup for measurements in no time. Connect the device to the app, choose the measurement to perform and the system is ready to test power operated doors 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** – guided workflow and evaluation of EN12453:2017, EN 60335-2, DIN V 18650, ASR A1.7, DHF TS 011:2016 etc.
- **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 frictionless guides and 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
- **Easy to control** – known principles from everyday life
- **Complete customer support** – in-house calibration service; update service ensures use of newest standards version



# FM 100 BT

## Sensor FM 100 BT

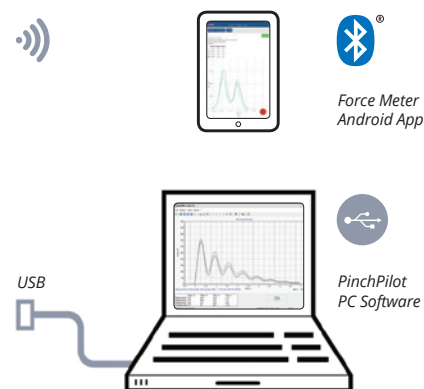
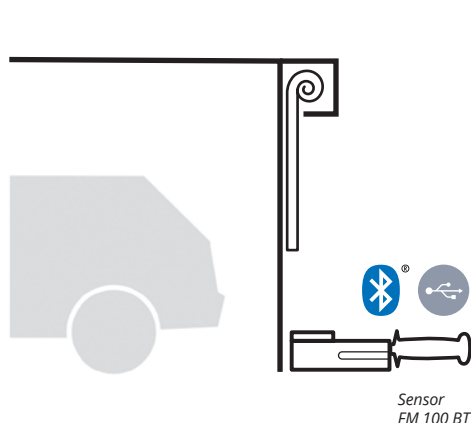
Measurement Range:	0–2.000 N
Measurement	+/- 3 N or 3 %
Tolerance:	whichever is greater
Stiffness:	500 N/mm
Gap width:	50 mm
Diameter:	80 mm
Measurement	
Technique:	Strain Gauge Bridge
Size:	210 x 80 x 50 mm
Weight:	2.1 kg
Wireless Range:	up to 10 m

## Force Meter App

- Intuitive user interface
- Graphical display of force vs. time
- Calculation of relevant parameters
- Instant feedback for failed/passed
- Guided workflow
- Automatic measurement object detection
- Instant report creation
- Available for Android 5.0 and newer
- Connection: Bluetooth Low Energy

## PC-Analysis-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
- Android App
- USB cable
- User manual
- Calibration certificate
- Various accessories available

