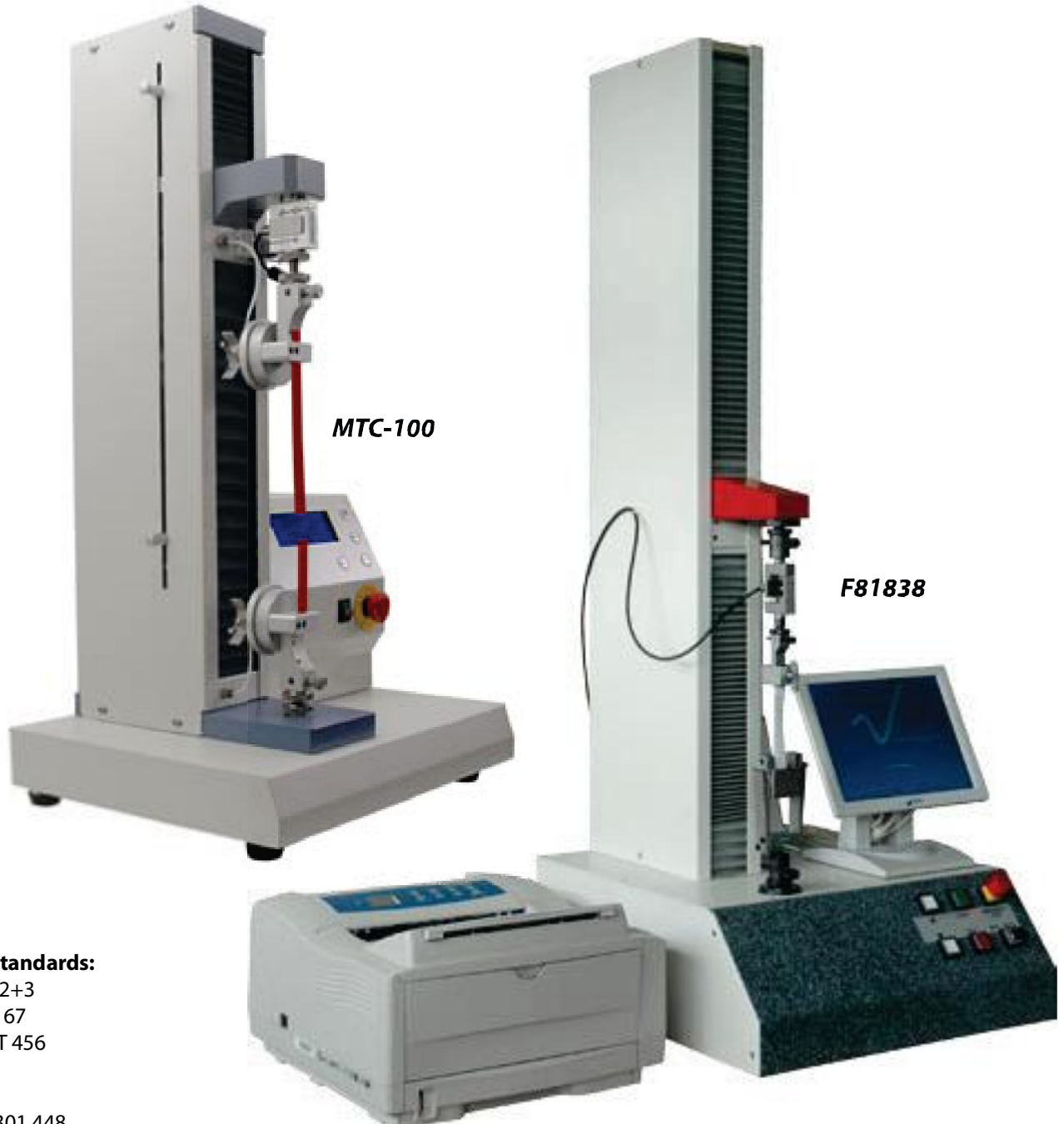


TENSILE TESTER vertical

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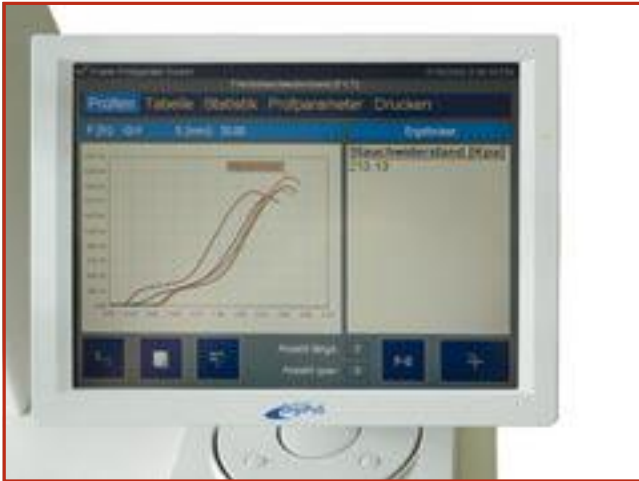
For various tensile tests

- Model F81838 available in 3 different heights for materials with low or high elongation values
- Manual screw type clamps are included as standard.
- Optionally available: pneumatic clamps with foot switch, various sample supports
- Touchscreen for operation and display (F81838) or digital display (MTC-100)
- Separate start and stop buttons
- Safety switch
- Sturdy construction with frictionless spindles



Applicable standards:

- ISO 1924/1 +2+3
- SCAN P 38, P 67
- TAPPI T 494, T 456
- PAPTAC D 34
- DIN 53112/1
- APPITA/AS 1301.448



F81838 Touchscreen Monitor



MTC-100 pneumatic clamps



Sample after test

Electricity	100–230 V, 50 Hz
Water supply	None
Compressed air	400–600 kPa using pneumatic clamps
Dimensions (WxDxH)	51x45x104–154 cm
Net weight	63–71 kg
Gross weight	90–100 kg

Description

F81838:

The sturdy device is available in three different heights. The large touchscreen controls the device and displays graphs and values. Manual screw type clamps are included as standard.

Unintentional starting of the instrument is avoided by having separate start and stop buttons.

A standard printer may be connected to the interface.

Optional accessory: pneumatic clamps, sample supports for friction tests, wet tensile device (Finch clamp) and more.

MTC-100:

Like model F81838, but equipped with digital display.

Test description

The sample is clamped. The testing process begins by pushing the start button. The upper clamp goes up until the test is finished. (Depending on the testing criteria, this can be the sample break or a preset distance.) After finishing the test, the clamp returns to its initial position and the sample can be removed.

The individual values are displayed. Model F81838 also shows graphs. Statistic values (min, max, mean value and standard deviation) are displayed. If desired, the display of ratio values can be set.

Specifications

F81838:

- Working heights F81838: 450 mm, 650 mm or 950 mm
- Maximum testing force: 2 kN
- Testing speed: 0.1–600 mm/min
- Quick return of clamps after sample break
- Touchscreen operation
- Start of the tests by separate button
- Deviation: max. 1% in the range of 1–500 N
- Various force sensors available (50 N, 100 N, 200 N, 500 N, 1,000 N, 2,000 N)
- Spindle protection
- RS 232 interface for result transfer
- Printer interface (parallel) for HP Laserjet compatible printer
- Sample clamps exchangeable
- Compatible to MiniStart and PaperLIMS

MTC-100:

- As above, but with a working height of 750 mm, and a 4 line digital display