



Electronic BD test with EBI 16

to determine the steam penetration in the steam sterilizer

Alternative Bowie & Dick Test EBI 16

The EBI 16 detect the steam penetration by measuring physical quantities and automatically evaluates the cycle. All measurement data are stored together with the report in a database.

A vacuum test can also be carried out with the EBI 16

- Simple and quick operation
- Secure data acquisition
- Designed for 1.000 cycles or 3 years without recalibration.



Technical Data:

Operation temperature	0 °C ... +150 °C
Measurement range: temperature	0 °C ... +150 °C
Measurement range: pressure	1 ... 4,000 mbar
Accuracy: temperature	± 0.1 °C
Accuracy: pressure	± 15 mbar (1 mbar ... 3,499 mbar) ± 20 mbar (3,500 mbar ... 4,000 mbar)
Resolution: temperature	0.01 °C
Resolution: pressure	1 mbar
Data memory	6,960 measurements
Sensor: temperature	PT1000, class A
Sensor: pressure	Piezoresistive pressure sensor
Measurement interval	1s
Real-time data transmission	No
Storage temperature	-20 °C ... +70 °C
Measurement modes	• Start- / Stop measurement
Battery	Lithium, 3.6 V, User-replaceable
Dimensions	(Ø x H) 90 mm x 150 mm
Weight	app. 500 g
Housing material	316 L stainless steel / PEEK
Protection class	IP68
Factory Calibration Certificate	Yes

In daily use at the BD test.

Standards and Directives:

- ISO 11140-4
Sterilization of health care products
- 2014/53/EU
Radio Equipment Directive RED
- DIN EN 301 489
Electro Magnetic Compatibility (EMC)

Type	Description	Part-No.
EBI 16	Alternative Bowie & Dick Test	1340-6697