

byko-test 7500

The modular design of the byko-test 7500 thickness gage offers numerous possibilities over a wide range of applications. The integrated sensor can be converted to an external flexible sensor with a sensor cable for ferrous or non-ferrous substrates.

- Compact pocket size instrument
- Integrated probe for easy one-handed operation or external probe for hard to reach areas on the same instrument
- Non-wearing ruby probe tips ensure durability and high precision even after 10,000 measurements
- Automatic calibration

The byko-test 7500 is available in two models:

byko-test 7500 basic

Quick measurement time with highest accuracy and flexibility are its strengths.

byko-test 7500 memory

The memory model offers statistics in the instrument and software for further evaluation.

- Saves up to 3900 values
- Block / batch segmentations (999)
- Statistics with averaging, std. dev. and min/max
- RS-232 Interface
- Menu-guided software - must be ordered separately

Ordering Information

Cat. No.	Description
E-3600	byko-test 7500 basic Fe/NFe
E-3601	byko-test 7500 basic Fe
E-3602	byko-test 7500 basic NFe
E-3610	byko-test 7500 memory Fe/NFe
E-3611	byko-test 7500 memory Fe
E-3612	byko-test 7500 memory NFe

Comes complete with:

byko-test 7500; Protective case with zero plate
9 V alkaline battery; Operating instructions; Calibration Certificate

Substrate	Fe steel or iron NFe non-magnetic metals: aluminum, copper, brass, zinc, stainless steel
Measuring Range	Standard: 0 to 2000 µm (0 to 80 mils) Expanded: 0 to 5000 µm (0 to 200 mils)
Traverse Speed Accuracy	Standard: ±(1µm+2%*) from 0-2000 µm; Expanded: ±(1µm+2%*) from 0-999 µm; ±3.5%* from 1.00-5.00 mm
Minimum Curvature	5 mm (0.2 in) convex; 25 mm (1.0 in) concave
Minimum Substrate Thickness	Fe: 0.2 mm (0.01 in); NFe: 0.05 mm (0.002 in)
Operating Temperature	0° C to 60 ° C (32 ° F to 140 ° F)
Power Supply	9 volt alkaline battery
Size	120 x 60 x 26 mm (4.7 x 2.4 x 1 in)
Weight	approx. 150 g (5.3 oz) with battery

* of measured value



Standards

ASTM	B 499	D 1400
BS	3900 (C5)	5411 (3,11)
DIN	50981	50984
DIN EN ISO	2360	2808
EN ISO	2178	

Accessories

Cat. No.	Description
E-3626	byko-test 7500 (without probe)
E-3627	byko-test 7500 memory (without probe)
E-3620	Software for byko-test memory models for Windows® 95/98/NT incl. cable RS-232
E-3617	Connection Cable RS-232
E-3735	Printer Paper
E-3605	External Sensor Cable
E-3743	Probe Fe ¹
E-3744	Probe NFe ¹
E-3745	Probe Fe/NFe ¹
E-3746	Right Angle Probe Fe
E-3747	Right Angle Probe NFe
E-3740	Set of 5 Certified Calibration Shims, up to 500µ
E-3741	Set of 5 Certified Calibration Shims, 50 - 1000µ
E-3753	Probe Fe (5 mm)
E-3754	Probe NFe (5mm)
E-3755	Probe Fe/NFe (5mm)
E-4401	USB-adaptor; For connection to USB-interface, incl. driver software

¹ For byko-test 7500 with ser. No. ≥ 420000
For ser. No < 420000 on request