

byko-test 4200 / 4500

Dry Film Thickness Gages

The byko-test 4500 film thickness gauge allows for the measurement of a variety of products. No cable exchange or calibration is needed when changing from a ferrous to a non-ferrous substrate. The large LCD display and 10 second retention of the last measured value makes the byko-test 4500 easy to use.

- Compact pocket size instrument
- One-handed design for ease of use
- Integrated, non-wearing ruby probe tip
- Switchable from mils to microns
- Strong, wear resistant ruby probe tip
- V-groove in probe for positioning on cylindrical parts
- Acoustic signal for measurement confirmation

New!

New Features

- Automatic substrate recognition
- Extended measuring range
- Faster measuring speed
- Graphic display with backlight



Standards

ASTM	B 499, D 1186, D 1400, D 7091
BS	3900 Part C5, 5411 (3,11)
DIN	50981, 50984
ISO	2360, 2808, 2178

Ordering Information

Cat. No.	Description
PG-3635	byko-test 4500 Fe/NFe
PG-3634	byko-test 4200 Fe

Cat. No. PG-3635 Comes complete with:

byko-test 4500
Carrying case with zero plates
Operating instructions
Calibration Certificate
2 AA batteries

Cat. No. PG-3634 Comes complete with:

byko-test 4200
Carrying case with zero plate
Operating instructions
Calibration Certificate
2 AA batteries

Technical Specifications

Substrate Fe	steel or iron
Substrate NFe	non-magnetic metals: aluminum, copper, brass, zinc, stainless steel
Measuring Range	Fe: 0 - 3000 μm (0 - 120 mils) NFe: 0 - 3000 μm (0 - 120 mils)
Accuracy	$\pm (2\mu\text{m} + 3\%*)$, from 0 - 999 μm (0 - 39 mils)
Minimum Curvature	5 mm (0.2 in) convex; 30 mm (1.2 in) concave
Minimum Substrate Thickness	Fe: 0.2 mm (0.01 in), NFe 0,05 mm (0,002 in)
Minimum Area of Measurement	10 x 102 mm (0.4 x 0.4 in)
Operating Temperature	0 - 60 °C (32 - 140 °F)
Power Supply	2 x AA Batteries
Dimensions	100 x 62 x 27 mm (4 x 2.5 x 1.1 in)
Weight	approx. 130 g (4.6 oz) with battery

* of measured value