

# byko-cut universal

Portable instrument providing sufficient accuracy for laboratory use but also usable at construction sites and in workshops. Ideal for customer service technicians and demonstrations. The BYK-Gardner byko-cut is a universal instrument for:

- Measuring film thickness in the range of 2 - 2000 Mm (1/8 - 80 mils) on every substrate (steel, non-ferrous metal, plastics, wood, etc.)
- Capable of multi-layer film thickness analysis
- Adhesion test by means of cross-cut test in accordance with ASTM D 3359; DIN 53 151
- Indentation hardness test in accordance with ISO 2815 (Buchholz)
- Microscopic research for pores, pits, cracks, blisters, flaking, intercoat adhesion of the individual film in coat systems, and quality control of the pretreatment of the substrate

### Special features:

- LED illumination
- Ergonomical design
- Guiding wheels for smooth cutting
- Cut finder



### Standards

<b>ASTM</b>	D 3002, D 3359, D 4138
<b>DIN</b>	50 986, 53 151
<b>ISO</b>	2409, 2815
<b>NCCA</b>	II-13, X-1
<b>VTLA</b>	003 Item 9



### Ordering Information

Cat. No.	Description
3430	byko-cut thickness, Metric
3431	byko-cut thickness, English
3432	byko-cut no cutters, Metric
3433	byko-cut no cutters, English

### Technical Specifications

Lamp	Batteries	Microscope	Dimensions
White LED	1.5 Volts Mignon type	50-fold magnification	110 x 80 x 75 mm (4.3 x 3.2 x 2.9 in)
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### Comes complete with:

byko-cut universal film gauge  
 Revolving rotary head with 3 cutters for film thickness (# 1-3)  
 Built-in microscope (scale 0 - 2 mm)  
 LED  
 Battery  
 Operation manual

**Note:** Cutters must be ordered separately for Cat. No. 3432 Tools for cross-cut and hardness must be ordered separately

### Info!

For more information on Buchholz hardness see chapter "Hardness"



The V-shaped cut can be easily stored as an image with the Digital Pocket Microscope. For more details please see chapter "Microscopes"