

product specification

JDC Precision Sample Cutter



Description

The JDC Precision Sample Cutter is recognised as the worldwide industry standard cutter for material testing sample preparation for paper, tissue, non-wovens, plastics, metal foils and other sheet materials

Test strips are cut to an exact width and are parallel throughout the entire length. The dual blade cutting action and precision ground base shear ensure that samples have clean edges that are free from nicks and uncut or pulled fibres.

The JDC is a portable cutter, but can be fixed via a heavy cast iron base. The cutting blades are made of special tool steel, which has been stress relieved by cycling between cold and hot temperatures to prevent the blades from warping.

Features

- Precision cutting action
- Automatic hold down to prevent buckling
- Available in three cutting lengths and a large range of cutting widths
- Metric or imperial measurements
- Both sides of the sample cut at once, ensuring parallel sides
- Quality construction
- Easy and quick to operate
- Robust safety shields

Options

- Certificates of conformity
- Special cutting widths available on request

Performance data

Parallelism tolerance $\pm 2.54 \mu\text{m}$

JDC Precision Sample Cutter



Physical specifications

Support platform

The guide bars attached to the support platform enable sample materials to be aligned and ensure that parallel and/or perpendicular samples are always obtained.

Sample cutting specification

Cutting width between 3 and 76 mm

Standard widths 15, 25 and 50 mm or 1, 2 and 3 in

Cutting length 254, 305 or 406 mm

Dimensions

15 x 56–61 x 38–56 cm (W x D x H; depth and height vary according to selected cutting width)

Net weight

13–45 kg

Standards

Meets the requirements of ASTM, ISO, Pressure Sensitive Tape Council, TAPPI and any test method requiring an accurate test strip.

