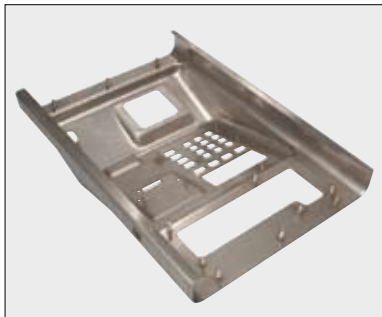


Product information
Capacitor discharge, drawn arc and
short-cycle drawn arc stud welding



BP-1 Bend Testing Device



High-speed, non-destructive bend test in alternate directions for random samples or series tests of all kinds of stud welded joints.



BP-1 SOYER bend testing device for non-destructive stud testing in quality assurance applications

Description:

The newly developed BP-1 bend testing device (registered as patented design under no. 201 07 469.9) allows you for the first time to carry out defined, reproducible bend tests on stud welded joints according to the capacitor discharge, drawn arc and short-cycle drawn arc principle following DIN EN ISO 14555, DVS information sheet 0904. (For special innovative features, please see over).

Technical data:

Operating range:

Threaded studs and pins from M3 - M10 or \varnothing 3 - 10 mm, with and without flange in accordance with DIN EN ISO 13918

Material:

Steel, stainless steel, aluminium and brass

Dimensions:

170 x 37 x 36 mm (l x h x d)

Weight:

0.35 kg

Subject to technical changes

Innovative Special Features of the BP-1 Bend Testing Device

The new BP-1 SOYER bend testing device is a useful and good-value instrument to support quality assurance procedures by simple, effective and non-destructive application. The required bending stress can be manually and individually set with a turning knob and applied by alternating left/right movements up to the measurement point which is audible as a click. The individual setting of the measurement point avoids the destructive way of carrying out bending tests as in traditional testing methods using a hammer or a socket tube.

Additional performance features of the BP-1 bend testing device include:

- ▶ Multifunctional application for capacitor discharge, drawn arc and short-cycle drawn arc stud welding
- ▶ Easily portable in one hand
- ▶ User-friendly
- ▶ Instant testing possibility
- ▶ Space-saving and central storage together with the testing kits M3 - M10 in a small and compact suitcase (option)
- ▶ Non-destructive, defined, time- and cost-saving test method without any loss in quality

SOYER top-of-the-range products awarded the following prizes for



Production



Quality



Technology



Design



Stud Manufacture



Quality Management



International Approval



Safety



EC Conformity