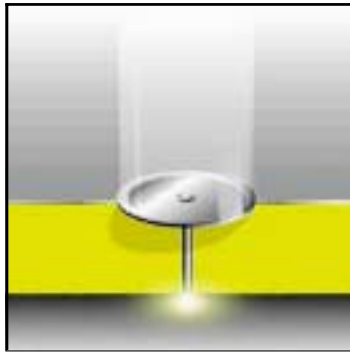




## PS-1KI Contact Welding Gun



The PS-1KI contact welding gun is the standard welding gun for the BMS-6 ISO stud welder and suitable for welding cupped head pins (insulating nails).



### PS-1KI SOYER contact welding gun for capacitor discharge welding

#### Description:

The PS-1KI contact welding gun is small and easy to use. It has been especially developed for directly welding cupped head pins (insulating nails combined with clip) through insulating jackets in a single operation, thus saving time. The cupped head pins are pressed through the insulating jacket and at a certain pressure are rapidly and safely welded on the sheet metal underneath in accordance with the contact welding process. (For innovative special features, please see over).

#### Technical data:

<b>Welding range:</b>	Cupped head pins from 2 - 2.7 mm and 10 - 55 mm in length
<b>Material:</b>	Steel and stainless steel
<b>Welding and control cables:</b>	10 m highly flexible
<b>Total length without support::</b>	125 mm
<b>Total height above grip:</b>	140 mm
<b>Total width:</b>	42 mm
<b>Support tube:</b>	Ø 62 mm
<b>Weight:</b>	0.6 kg without cables

Subject to technical changes

# Innovative Special Features of the PS-1KI Contact Welding Gun

The new PS-1KI SOYER stud welding gun is the international yardstick for quality, technology, design and safety. Together with easy operation, the hand welding gun offers a maximum of technical performance advantages for producing high-quality stud welded joints in the insulating field.

Additional performance features of the PS-1KI contact welding gun include:

- ▶ Development and production are in compliance with all prescribed safety targets such as
  - the latest safety and accident prevention regulations (Act on the Safety of Technical Working Equipment)
  - electromagnetic compatibility (EMC Act)
  - European regulations (EU Directives on Machinery)
- ▶ New type of cupped head pin holder with long-term service life and precise guidance
- ▶ Handy support tube for propping the gun on insulating material and insulating jackets
- ▶ Control of the cupped head pin pressure and release of the welding process by means of a special switch in the gun for achieving constant high-quality welding results
- ▶ Long service life due to wear-free guide bush with ball bearing and specially surface hardened and ground, antimagnetic guide piston
- ▶ Impact- and break-proof whole-body synthetic housing
- ▶ Applicable even in narrow locations and areas of difficult access owing to its small compact style
- ▶ Fatigue-proof working and enjoyment in welding due to low weight, optimum ergonomics and exemplary design
- ▶ Problem-free connection to all capacitor discharge stud welders

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



Production



Quality



Technology



Design



Quality Management



International Approval



Safety



EC Conformity