

## BMK-5i Stud Welder



The PK-3i welding gun is the standard welding gun for the BMK-5i stud welder.



### BMK-5i SOYER inverter stud welder

#### Description:

The new BMK-5i stud welder with digital inverter technology sets new standards in insulation technology for thermal protection, fire protection and sound insulation. It is ideal for special insulation applications used in the shipbuilding industry, in power and heat supply stations and in production plants. The mechanical fastening of insulation material is a cost-effective method designed to improve product quality and safety in the field of insulation technology. Even the most demanding requirements can now be met.

#### Technical data:

##### Welding range:

M3 - M6RD or 2 - 5 mm in diameter

##### Material:

Steel, stainless steel and heat-resistant steel (aluminium conditionally, depending on requirements)

##### Standard gun:

PK-3i stud welding gun

##### Welding current:

80 - 200 A, adjustable and regulated with stud welding  
40 - 160 A with electrode welding  
40 - 100 A with TIG welding

##### Welding time:

3 - 1000 ms with stud welding

##### Welding sequence:

up to 50 studs/min, depending on stud diameter

##### Mains supply:

1/N/PE AC 230 V, 16 AT

##### Dimensions:

335 x 415 x 490 mm (w x h x d)

##### Weight:

21 kg

##### Colour:

RAL 5009 azure

Technical specifications are subject to change without notice

# Fax

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## Please contact us!

Company stamp

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## SOYER - Your reliable partner in stud welding technology!

We request that you

- arrange a non-binding specialist consultation/demonstration
- send us detailed product information

## Stud welding in the field of insulation technology

The BMK-5i stud welder is ideal for welding smooth cut-to-length pins from 2 - 5 mm dia. made of steel, stainless steel, acid and heat-resisting steel onto workpieces and base materials with unclean metal finishes such as scaled, rolled, oxidised and galvanised surfaces.

The welded joint has a high bending strength and can withstand maximum loads. Due to the low mains connection of 230 V, the stud welder can also be operated in locations with poor power supplies.



The robust BMK-5i stud welder is easy to operate and handle. It features a high duty cycle and maximum welding sequences. It is virtually impossible to overload the stud welder.



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



Production



Quality



Technology



Design



Stud Manufacture



Quality Management



International Approval



Safety



EC Conformity