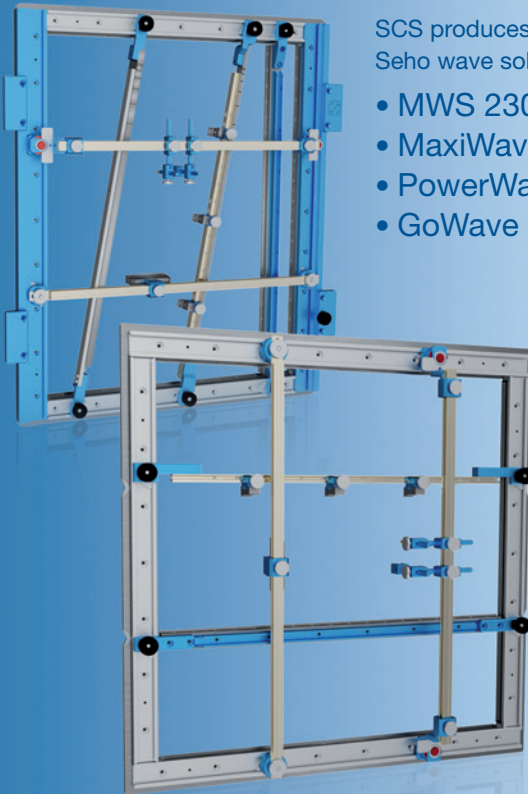


SCS SOLDER FRAMES

for your Seho soldering system



SCS produces frames for the Seho wave soldering systems

- MWS 2300
- MaxiWave
- PowerWave
- GoWave

as well as for the Seho selective soldering systems

- SelectLine
- SelectiveLine
- PowerSelective
- LeanSelect
- GoSelective

Universal solder frame for the

SEHO WAVE SOLDERING SYSTEMS



suitable for the Seho soldering systems

- MWS 2300
- MaxiWave
- PowerWave
- GoWave

SCS UNIVERSAL SOLDER FRAME

SCS offers universal frames for Seho wave and selective soldering systems and has a broad range of attachments to upgrade the applications of the frames.

All frames are equipped with the SCS rail system which can be used in combination with bars and traverses and thereby offer numerous varieties in the soldering process.

Furthermore, the frames have bearings on all sides of the frame for inlaying PCBs and soldering masks. All parts are ESD-suitable and the metal parts are made of stainless steel or aluminum.

The attachments of SCS offer different functional opportunities such as supporting, suppressing, fixing, leading and

Universal solder frame for the

SEHO SELECTIVE SOLDERING SYSTEMS



suitable for the Seho soldering systems

- SelectLine
- SelectiveLine
- PowerSelective
- LeanSelect
- GoSelective

covering and can be quickly and easily mounted without using tools.

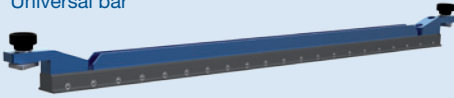
The universal solder frame is made in the common lengths of the Seho original solder frames and the widths of the Seho soldering system and is therefore ideal for your wave or selective soldering system.

If desired SCS also produces universal solder frames in different lengths and widths. For individual solutions please contact our sales department.

BARS

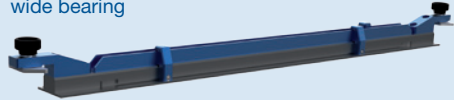
Please contact us for individual solutions:
Tel.: +49(0)2162 - 81 869 - 15

Universal bar



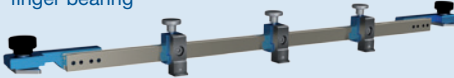
The universal bar has a simple design, which includes bearing surfaces on both sides for inlaying PCBs, which can be fixed to the bar with ball fixings.

Universal bar with wide bearing



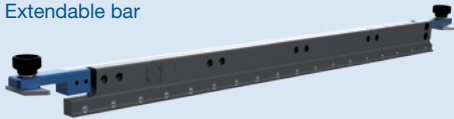
This bar is especially designed for PCBs with laterally projecting components. While the PCB can be inlayed on both sides and is kept in position by movable stops, the projecting components are protected by the wide bearing against the solder wave.

Universal bar with finger bearing



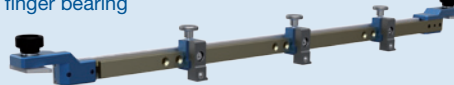
The universal bar with finger bearing is useable for PCB layouts which offer only limited bearing opportunities. Each bar will be delivered with three space-saving finger bearings, which can be easily oriented and fixed.

Extendable bar



The extendable bar is variable in length and therefore enables the soldering of the PCB against the solder wave in an angularity, which clearly reduces the risk of solder bridges. The extendable bar has an angle scale whereby an angularity up to 30° can be realized.

Extendable bar with finger bearing



The extendable bar with finger bearing unifies the advantages of the extendable bar with those of the finger bearing so that also difficult PCB layouts can be soldered in an angularity.

ATTACHMENTS

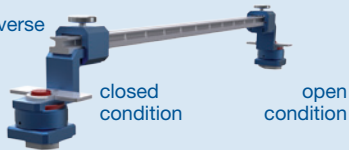
SCS offers a multitude of attachments for universal solder frames. With the attachments the cost effectiveness of the production of small and medium lot sizes can be improved. Bars and bearings offer different opportunities to place a PCB. Diverse retainers and fixing elements enable the fixing and adjustment of each component onto the PCB. All devices are attached to

the SCS rail system and can be freely arranged in longitudinal and cross direction.

The traverse is used for the attachment of fixing and positioning elements and can be easily removed for every solder process, so that the frame can be equipped with a new PCB. Due to the fast and easy handling the insertion time can remarkably be reduced.

TRAVERSE AND CROSSBAR

Traverse



The traverse was designed as a fast removable bar with the possibility to connect attachments, which can be arranged above the PCB.

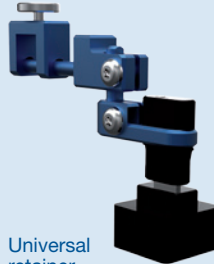
Universal fixing element



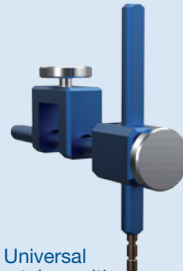
Tailhook



Universal retainer



Universal retainer with spring loaded tip

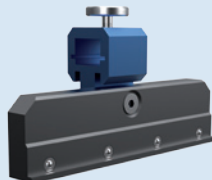


Diverse bearings and covers are attached to the crossbar and serve as an additional support for the PCB.

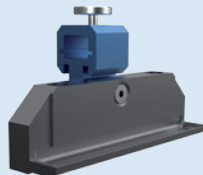
Two-sided bearing



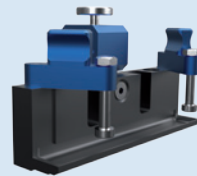
Bearing with ball fixings



Plug cover



Plug cover with retainer



Crossbar

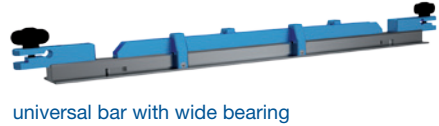
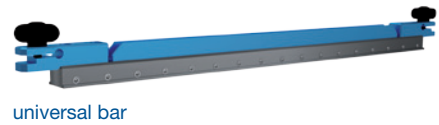


The crossbar is used for the attachment of bearings, which also includes protective covers for individual components for protection against the solder wave.

All parts are ESD-suitable and the metal parts are made of stainless steel or aluminum.



Attachments to extend the application of the SEHO ORIGINAL WAVE SOLDER FRAME



ATTACHMENTS FOR THE SEHO ORIGINAL WAVE SOLDER FRAMES

All SCS attachments can be used to extend the application of the Seho original wave solder frames.

The bars can be fixed with their fixing elements to the frame without using tools. The frame can furthermore be expand with the SCS rail system so that traverses and crossbars can also be used with the

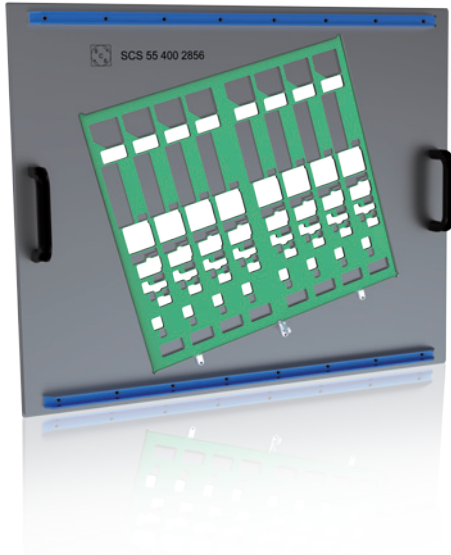
frame. The SCS rail system additionally provides a bearing for PCBs and solder masks.

The Seho wave solder frames thereby also offer the well-known flexibility of the SCS universal solder frame.

Additional products:

SCS SOLDER MASKS

Solder mask with selective bearing



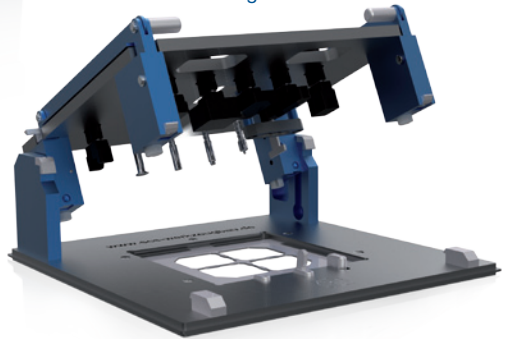
For fixing components onto the PCB:

- removable cover
- lift and swing cover
- solder aids

SCS solder masks:

- with selective bearing
- with deepenings for SMD components
- with titanium applications

Lift and swing cover



SOLDER MASKS

SCS produces solder masks matching the PCB for optimized treatment during the solder process. Due to the cover systems the solder masks offer a multitude of applications and furthermore have a good handling and design. If desired the SCS solder masks are either designed as an inlay for your frames and bars or for the SCS original solder frames. There are

multitude opportunities for the design and layout of the mold cavities. SCS optimizes solder masks as required from simple deepenings for SMD components to the point of complex titanium elements.

All parts are ESD-suitable and the metal parts are made of stainless steel or aluminum.



Werkzeug- & Vorrichtungsbau



Please visit our
website for further
information on
our products:

www.scs-werkzeugbau.de

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