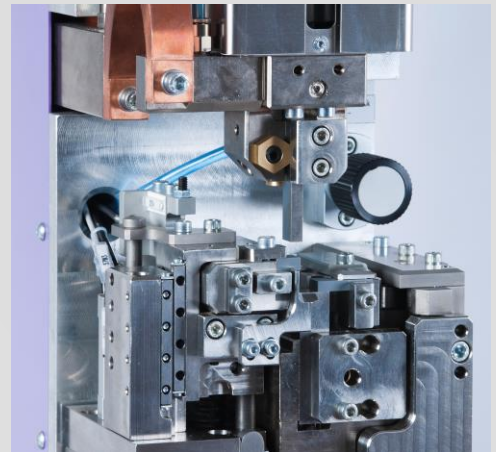
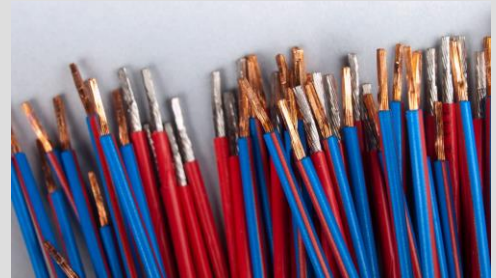


Sequential compacting Station

Modul Typ I: Cross-sections from 0.12 to 4.00 mm²

Modul Typ II: Cross-sections from 1,00 to 10,00 mm²



Key benefits for your flexible production:

- ▶ Adjusting of the compacting wide without affecting the cycle time ◀
- ▶ Repetition accuracy $< \pm 0,02$ mm ◀
- ▶ Cheap maintenance ◀
- ▶ Compact design (integrated transformer) ◀
- ▶ Easy integration into existing system concepts ◀

... innovative micro-welding technology



For integration into cable or assembly machine for wires from 0.12 to 4.00 mm² or 1.00 to 10.00 mm². Adjustment time in cross-section change <1.2 s
Also for hand workstation or semi-automatic solution with stripping

- Performence: **▪ pneumatic weld head**
- patented electrode cleaning system
 - electromotive adjustment for compacting wide
 - medium frequency technology (1 kHz) trafo integrated
 - electrode holder water cooled
 - Proportional valve for adjusting the electrode force
 - Measuring system and way shut-off
- Option: **▪ electromotive welding head**

Technische Daten:

Power rating at 50 % ED	10 kA
Cycle time (pneumatic drive,standard)	< 2,00 s
Cycle time (electromotive drive, option)	< 1,50 s
Compaction wide	Stepless adjustable (0,00 bis 3,50 mm)
Compaction length	to 15 mm
Repeatability	< ± 0,02 mm
Electrode force max.	200 daN
Cooling water flow rate ca. (incl. trafo)	6-8 l/min
Air supply	6 bar
Communication to the customer interface	E/A and Profibus or Ethernet
Monitoring	current, voltage, time, Component recognizing, Final dimensional inspection
Weight with transformer	120,0 kg
Mounting frame H x D x W (mm)	710 x 546 x 175

EKS PETER KELLER GmbH • MIKROSCHWEISSTECHNIK
 Moritzenmatten 19 • D – 77815 Bühl - Vimbuch
 Telefon (+49) 07223 80887-0 • Fax. (+49) 07223 80887-29
 www.keller-schweisstechnik.de • Info @keller-schweisstechnik.de