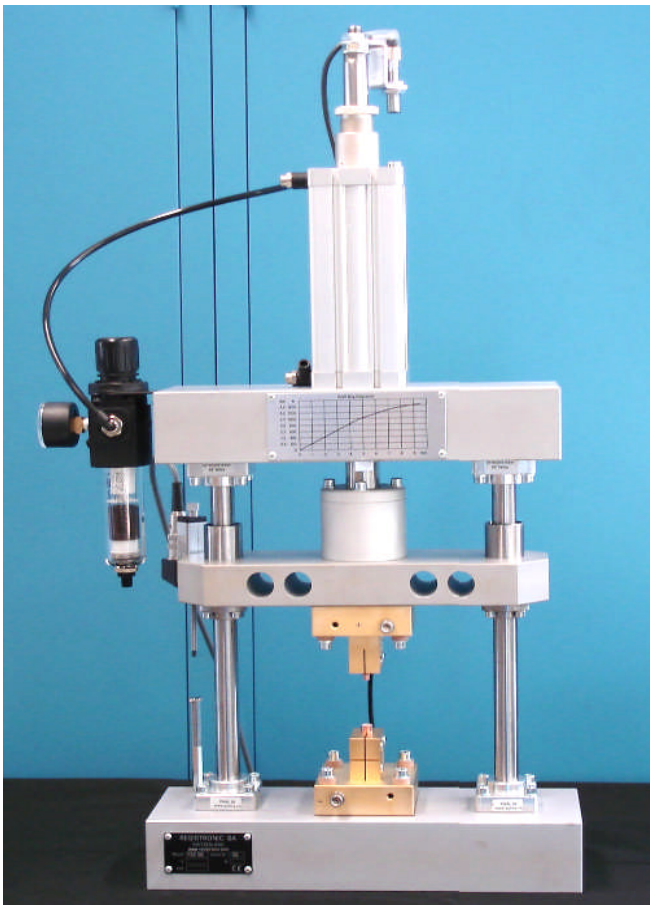


Parallel Welding Head PSK 100 / 250

With a Compressive Force of 1000 / 2500 N for Capacitor Discharge and Medium Frequency Welding



The parallel welding head PSK 100 and PSK 250 allows accurate and absolute parallel positioned welding with a compressive force ranging from 200 N to 2500 N.

The model PSK 100 / 250 has delivered an excellent performance a number of various installation sites.

The welding heads PSK 100 and 250 are excellently adaptable to the requirements of the customers, such as:

- Stroke length
- Free portal aperture
- Electrode holders
- Electrodes
- Actuator
- Path measurement
- Sensor system, etc.

Characteristic Features

Two-column frame with central actuation

Pneumatic or electric actuation

Welding carriage with accurate ball tracks

Rapid and dependable post-carriage due to spring-loaded welding carriage. Also suited for welding jobs of very short duration

Rugged design in order to achieve a high lifetime and a high welding rate

Choice of welding stroke from 20 – 70 mm, special designs feasible

Free selection of portal aperture size

May be fitted with water-cooled electrode holders

Integrated sensor system for triggering the welding process (adjustable)

May be fitted with axial path measurement, for the measurement of the initial position (presence of the components) and of the depth of penetration (melting stroke)

Well-defined mounting for the electrode holders and attachments

Maximum compressive force of the PSK 100: 1000 N
Maximum compressive force of the PSK 250: 2500 N

Excellently suited for circular projection welding jobs for sensors etc.

May also be supplied with a four-column frame