

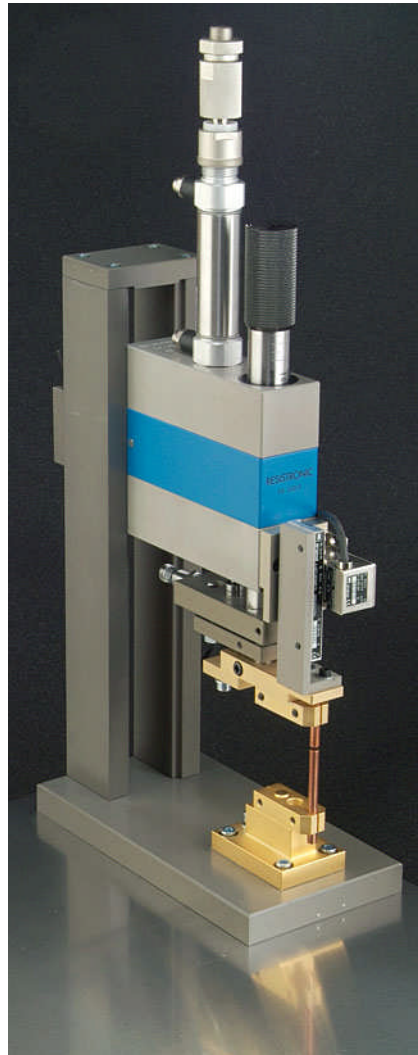
Single Welding Head EK 250-P

Modular Welding Head with a Compressive Force of 100 / 250 N for Capacitor Discharge and Medium Frequency Welding

We have created a single welding head as a complementary design to our new type DK 250 double welding heads, with the same technical features.

The type EK 250-P single welding heads are half as wide as a type DK 250.

The type EK 250-P may be arranged in pairs as an EK 250-P. Any number of EK 250-P can also be combined to form a multiple welding head.



Characteristic Features

Pneumatic single welding head

Maximum compressive force 100 N /250 N, depending on model

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

Vernier adjustment of the compressive force from 0 – 100%

Maximum stroke 27 mm

Adjustable stroke length

Uncomplicated head adjustment

Adjustable spring-loaded cut-back delay

All bearings are high-accuracy ball bearings

Actuation by way of pneumatic cylinder

Integrated axial travel measuring feature with a high-accuracy incremental probe (presence of the components) and of the depth of penetration (melting stroke)

Measurement resolution down to 0.5 μ m

Integrated inductive switches for activating the welding process (adjustable)

44 mm wide. Other dimensions same as DK 250 P / P2

Several type EK 250 P units may be arranged side by side in a modular fashion

May be fitted with water-cooled electrode holders

Electrode holders with anti-twist protection

Also available as a C-shaped welding head

Weight 3.6 kg