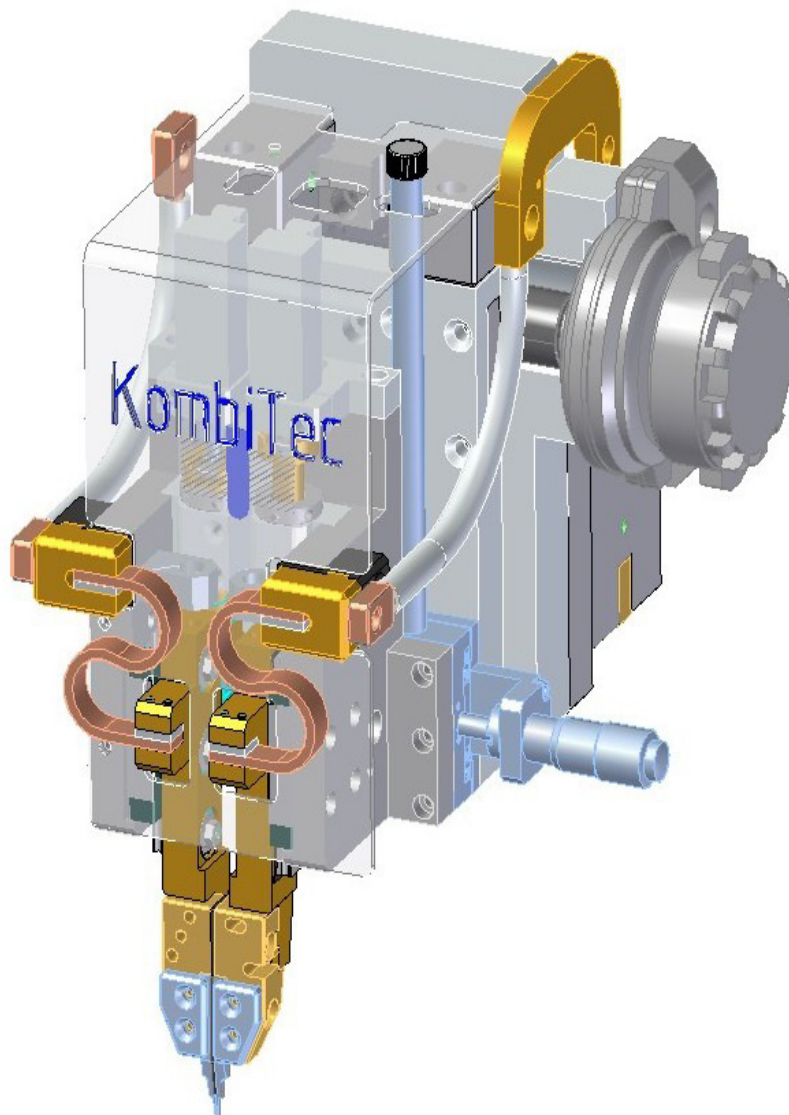


# Technical data-sheet Double welding-head DK-2004

Name and address of manufacturer:

**KombiTec GmbH**  
Westendstraße 5  
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### Benefits:

- High dynamics due to low moving mass
- Precise electrodes quick-change system as standard
- Holder for thermodes available
- Suitable for displacement-measuring
- Easy change from thermode-welding-mode to electrode gap welding
- Welding-gap with micrometer screw adjustable
- Working stroke adjustable up to 0,01 mm
- Working stroke in end-position locked

### Application areas:

Suitable for all weldings of small and very small components and very little displacement-forces, like:

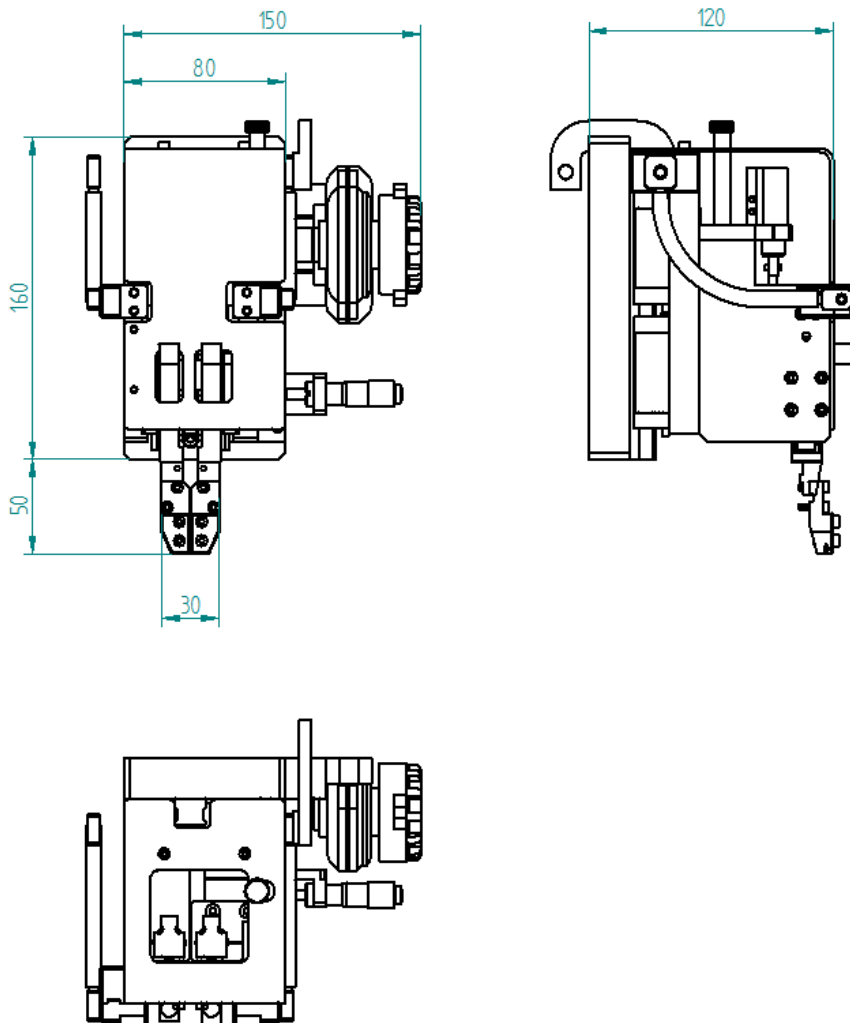
- Lightning industry: tungsten-filaments welding to molybdenum-pins in light-bulbs
- Automotive industry: welding of contacts in moulded plastic-parts with other parts
- Electrical industry: resistors to contacts, capacitors to solenoids, stranded wires to contacts
- Electronic industry: Very small, small and medium sized products, hot-staking at solenoids
- consumer industry: small sized parts
- high-precise solderings

### Technical changes:

Technical modification and price changes without notices. All dimensions are in „mm“. No liability can be accepted for printing errors.

### Technical data:

Infeed unit:	pneumatically driven cylinder
Displacement cylinder:	between 0,2 N and 10,0 N
Medium pressed air:	filtered 5 µm, free of water / dried, oiled or un-oiled
Pneumatic fittings:	G1/4"
Pneumatic hose:	Ø 6 mm
Working pressure:	3 – 5 bar
Working temperature:	0° C – 60° C
Repeatability:	± 0,01 mm
Max. weight of electrode holders:	< 0,5 kg
Max. stroke:	15 mm (adjustable with exenter-drive)
Air consumption per cycle:	0,3 L (at 5 bar and max. stroke)
Total weight:	3,5 kg
Max. current:	0,5 kA at 20 % ED



Picture: Dimension double-welding head DK-2004 without fixing / mountings

## Double-welding head DK-2004

Options for configuration:

