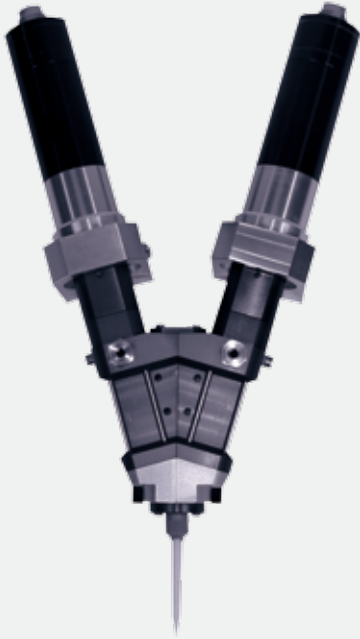


2K-Dispenser ViscoDuo-V 4/4

Description



The 2-component ViscoDuo-V 4/4 dispenser is a valveless, static mixing head with dispensers located directly in front of the mixer. The mixing head functions valve-free. The components to be mixed are dosed by volume only and with no dead space into the static mixing tube via the dispensers.

- Processing of viscosity materials with no filler or very high filler content
- Only low supply pressure required for medium feed
- Adjustment of the desired mixing ratio by adjusting the speed ratio of both dispensers
- Integrated sensors in each component (no dead space) for online process monitoring
- Reverse-flow possible (no dripping or stringing of product)
- Connection between dispensed quantity and speed is absolutely linear
- Constant dosing volume, even with density or viscosity changes due to temperature fluctuations or batch change

Application

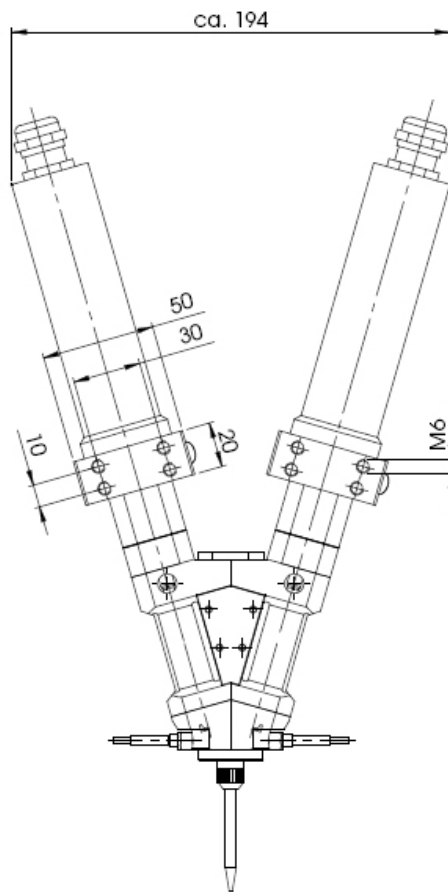
- Static mixing of two components of same or different viscosity
- Casting, dot or bead applications possible
- Suitable for 2-component adhesive systems based on: epoxy resin (EP), polyurethane (PU), silicone (Si), methyl methacrylate (MMA)
- Application of high-content gap fillers and thermally conductive pastes
- Mixing of two paints

Technical data

Mixing ratio at same dispenser speed	1 : 1 to 10 : 1
Maximum continuous output rate	~ 0,2 ml/s or 12 ml/min*
Smallest dosing shot	~ 0,010 ml*
Weight with drive	~ 3 kg
Required supply pressure at dispenser	0,1 to 6 bar*
Connection for material feed	1/8" inside thread

* depending on medium and mixing ratio

Drawing



Errors and omissions excepted

Scope of delivery:

- ViscoDuo-V 4/4 with two sensors
- Drive unit with brushless EC servo motor and planetary gears
- Operating and maintenance manual

Necessary and optional components:

- 2-component dosing control ViscoDos-2K
- Monitoring of medium feed
- Material supply