

TARTLER



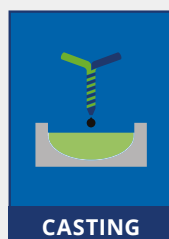
Design example

LV 2/2

DOSING MIXING HEAD

Precise application of smallest quantities - dynamic mixing, high-precision application and repeatable accuracy

Shot quantities from 1.0 to 10 grams



LV 2/2

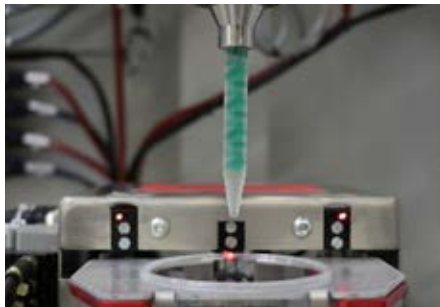
DOSING MIXING HEAD


POSSIBLE APPLICATIONS

- ▶ Electrical encapsulation
- ▶ Sealing of tiny electronic elements
- ▶ Selective gluing



Design example of an LV2/2 with pressure-controlled material feed via NODOPUR



 Info Movie on YouTube: The „anti drip effect“ demonstrated in the video increases the shooting accuracy. Optimally aligned, no drop forms that threatens to tear off in an uncontrolled manner.

<https://youtu.be/oPQDmZJTjUM>



For application and info movies please check our YouTube channel:

<https://yt.vu/+tartler-int>



Get some more information about microdosing here:

<https://www.tartler.com/en/microdosing.html>

The dosing mixing head LV 2/2 is a high-quality and intelligent precision system for the accurate application of very small quantities.

Typical areas of application are, for example, potting and sealing tiny electrical-electronic components or bonding small magnets in the rotors of compact e-mobility drives. The new LV 2/2 enables the mixing of resins and hardeners with viscosities from 50 to 20,000 mPas as well as the precise and repeatable dosing of smallest shot quantities from 1.0 to 10 grams.

Depending on the pump type used, the user can achieve mixing ratios of 100:5 to 100:20 with the LV 2/2. Other, individual mixing ratios, can also be provided on customer request.

BASIC EQUIPMENT

- ▶ For low viscosity and self-flowing components made of silicone, polyurethane or epoxy
- ▶ 5 ml to 100 ml/min Output possible
- ▶ Adjustable mixing ratio
- ▶ Static mixer or disposable rotating plastic mixer possible
- ▶ Stainless steel container 3 to 200 l
- ▶ Control: from simple user interface to touch panel
- ▶ Different hose lengths
- ▶ Requires compressed air
- ▶ Power supply: 400 Volt
- ▶ Weigh cell for automatic control of mixing ratio and shot weight

TECHNICAL DATA

Components	2 components
Viscosity range	from 50 mPas to 20.000 mPas
Mixing ratio	from 100:5 to 100:200
Output	5 ml/min to 100 ml/min
Control	▶ Siemens 12" (touch screen)
Tanks	▶ 3 l, 5 l, 10 l, 30 l, 60 l, 100 l or 200 l
Available options	▶ Refilling ▶ Heating ▶ Material degassing ▶ Mobile steel frame

TARTLER



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