

TARTLER



NODOPUR SERIES

SOLUTION FOR LIQUID COMPONENTS

System for processing liquid synthetic resins
made of polyurethane, epoxy or silicone.

Output from 0.1 l/min up to 100 l/min*



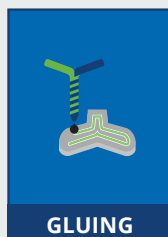
CASTING



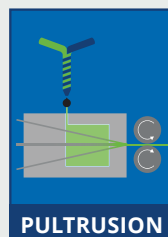
SPRAYING



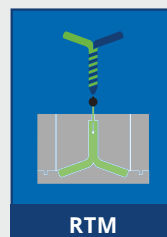
FOAMING



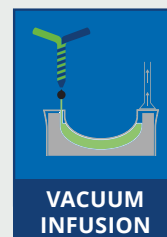
GLUING



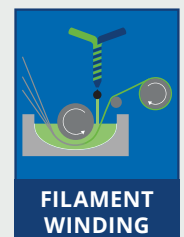
PULTRUSION



RTM



VACUUM
INFUSION



FILAMENT
WINDING

*depends on viscosity, mixing ratio and hose length

NODOPUR

SOLUTION FOR LIQUID COMPONENTS

POSSIBLE APPLICATIONS

- ▶ Serial part production
- ▶ Electrical grouting
- ▶ Wind blade production
- ▶ Prototyping
- ▶ Tooling



Design example of a volume flow controlled NODOPUR with handling arm and own drive unit



Design example of a NODOPUR with gravimetric refilling direct from the IBC by free flow



For application and info movies please check our YouTube channel:

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



Get some more information about the NODOPUR series here:

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

The basic model is mounted on a mobile frame with integrated collection tray and can be equipped with various containers.

NODOPUR can be manufactured as a 1K dosing station, but can also be built as a mixing unit with several components. The system is controlled either by a simple operating unit or a Siemens touch panel. Our internal programming department designs the function and operation of each machine according to customer requirements or optimises it for the individual process.

In the case of controlled systems, the mixing ratio is set by the control system within milliseconds. In systems without volume flow control, the drives receive their setpoint speeds after calibration by the PLC.

With our buffer tanks which can be filled automatically by refill stations, you avoid process interruptions caused by a drum change during a dosing process. The refilling of liquid components can be done manually or also automatically from various containers.

For information on possible components and configurations, please contact our sales team.

TECHNICAL DATA

Components	1 or more components
Viscosity range	1 – approx. 60.000 mPas
Mixing ratio	Adjustable mixing ratio (self-regulating on request)
Output	0.1 up to 100 l/min
Control	Starting with simple user interface to touch panel
Tanks	Various tank sizes available
Available options	<ul style="list-style-type: none">▶ Volume Flow Control▶ Refilling▶ Heating (with agitator)▶ Melting unit▶ Automatic vacuum control▶ Material degassing▶ Mobile, powder-coated steel frame (free choice of colour) with integrated drip tray▶ Static mixer or rotating (dynamic) disposable plastic mixer

TARTLER



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