

PRODUCT INFORMATION

DISPENSING CELL B5800



- > Fully automatic dispensing cell with 3D axis
- > Enlarged working area
- > Design as 1- or 2-head dispensing system
- > Dispensing of single-component and multi-component materials
- > Significant flexibility in the integration of automation processes
- > Processing low viscosity to paste-like reactive resins
- > Complete process monitoring
- > Product data tracking during production

Fully automatic dispensing machine for processing different kind of components with an enlarged working area

The metering and mixing machine B5800 has an enlarged working area and is suited for semi- or fully-automatic operation. The machine can be equipped with either 1 or 2 dispensing heads. The equipment has an operator-friendly control concept. Different automation processes can be easily integrated into the system.

DISPENSING CELL B5800

MIXING SYSTEMS

- > **mini-dia** applications
1- or 2- component



- > 1- component systems
- > 2- component static mixing systems



- > 2-component dynamic mixing systems



MODULARE ERWEITERUNGSMÖGLICHKEITEN

- > Material preparation PPS/ MPS
- > Cartridge system
- > Material pressure tank
- > Material temperature control system
- > Material recirculation
- > Material evacuation
- > Material refill station, manual or automatic
- > Filling level monitoring, digital or analog
- > Fluid recirculation
- > Process scale for shot weight control
- > Dosing needle check and repositioning
- > Dosing needle cleaning system
- > Bar code scanner for recipe selection
- > Component identification
- > Data base connection MDE/ BDE
- > Process, product and machine data monitoring
- > Second dispensing head
- > Integration into production lines and automation processes
- > ESD equipment

TECHNICAL DATA

Dimensions machine (W x H x D)	1.800 x 2.200 x 1.600 mm (without tank)
Axis	3 axes (3D interpolated circular motion)
Traversing range X-Y-Z	1.250 x 700 x 200 mm
Axis speed	0,5 m/s
Control	Beckhoff SPS Windows 10
Operation device	Touch panel, colored
Electrical power supply	400 V / 50 Hz, fuse 32 A
Air pressure supply	max. 6 bar
Weight	approx. 1.000 kg (without tank)
Color	RAL 7035

VARIATION POSSIBILITIES

Conveyor 	Moving carrier plate
Light curtain 	Rotary table

(Errors and changes reserved, as of December 2021)

- > Service hotline (German/English/French)
- > Response service MO - FR
- > Spare parts service
- > Service and maintenance
- > Process and component optimization in internal development areas
- > Trials and development in well equipped technical center
- > Trainings for machine user, machine setter and maintenance personnel
- > Workshops for machine user, machine setter and maintenance personnel

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