

PLUG +  
PRODUCE



DispensingCell

*The Entry-Level  
Solution for Thermal  
Management  
Applications*



- > Preconfigured complete package for highly filled, abrasive materials
- > Fast start of production
- > Unrivaled service life
- > Short delivery times

## The Entry-Level Solution for Thermal Management Applications

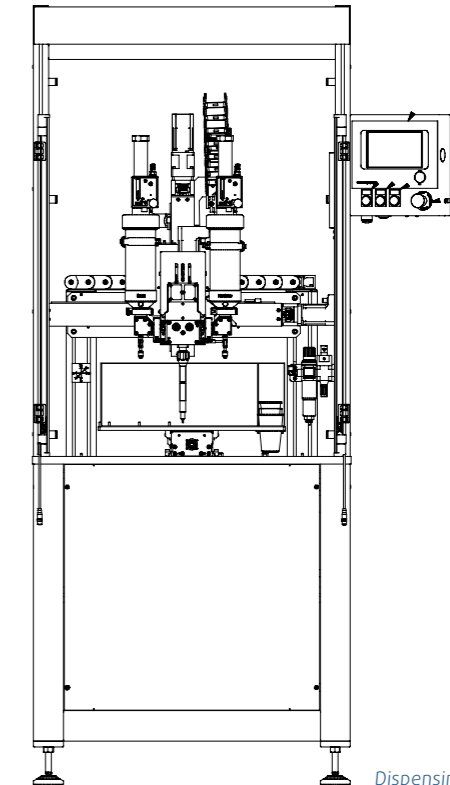
# DispensingCell

A compact dispensing system consisting of powerful single components

Smaller assemblies, more efficiency and higher performance: With this ongoing trend, solutions for effective thermal management grow more and more important. Especially liquid thermally conductive materials offer many possibilities in this regard. Due to their special properties, however, the use of high-quality and well-developed dispensing technology is imperative.

A lengthy and planning-intensive procurement process for that purpose is no longer necessary, though. With the new Scheugenpflug DispensingCell, a complete solution especially developed for thermal management applications, you receive a fully preconfigured and parameterized system for your task. The system is specially adjusted to tested and approved thermally conductive media by renowned material manufacturers.

The DispensingCell includes the proven Dos P016 TCA which has been optimized for thermally conductive materials, the cartridge expulsion unit A90 C with filling level monitoring as well as a 3-axis-system and a light curtain. The single components can be precisely matched to the dispensing medium used, the demanded performance and the required dispensing range. Thus, the system offers the necessary flexibility. Additionally, users profit from short delivery times and small investments – all the while retaining the usual high quality of Scheugenpflug.



DispensingCell (850 x 1050 mm)

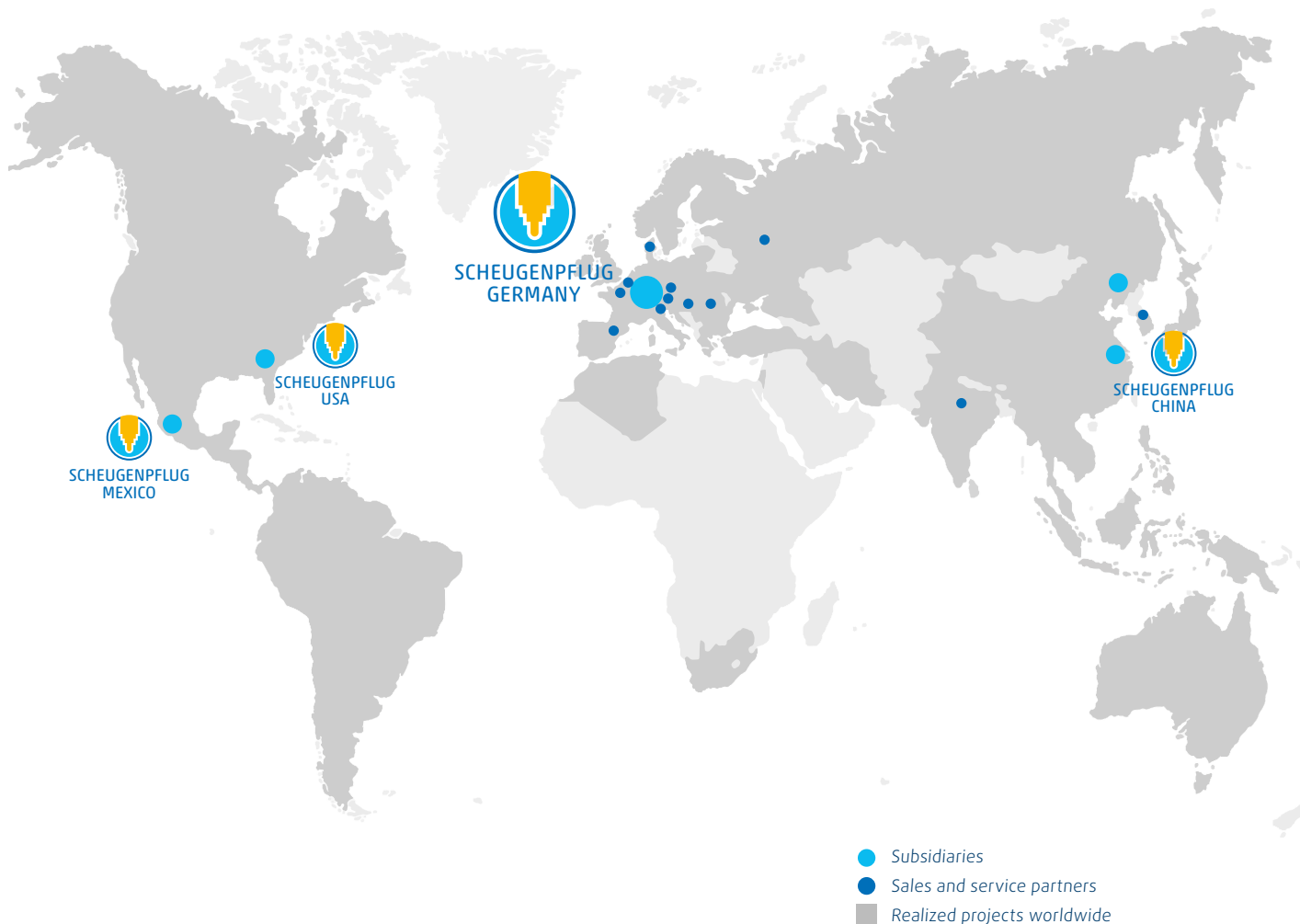
### DispensingCell

Dimensions (W x D x H) [mm]	650 x 710 x 2130	750 x 850 x 2130	850 x 1050 x 2130
Max. traversing range (X x Y x Z) [mm]	290 x 300 x 300	390 x 400 x 300	490 x 500 x 300
Dispensing range (X x Y x Z) [mm] without workpiece and mixing tube	220 x 300 x 170	320 x 400 x 170	420 x 500 x 170
Compatible models of the material feeding unit A90 C	Euro (310 ml; 1/10 gallon), Semco 6 oz (170 ml), Semco 12 oz (340 ml), Semco 20 oz (610 ml)		

### Dispensers

	Dos P016 TCA 1C	Dos P016 TCA 2C
Dispensing quantity per shot [ml]	0.06-0.95; 0.11-1.7; 0.42-7; 1-15	0.45-3; 1.2-12
Dispensing speed [ml/s]	max. 1.6 (2.8 g/cm <sup>3</sup> , 125 Pa·s)	max. 1.5 (3 g/cm <sup>3</sup> , 220 Pa·s)

# We set Standards – Worldwide



We lay the foundation for tomorrow's technologies.



**Scheugenpflug AG**

Gewerbepark 23, 93333 Neustadt a. d. Donau, Germany  
Phone +49 9445 9564 0, Fax +49 9445 9564 40  
vertrieb.de@scheugenpflug.de, www.scheugenpflug.de