

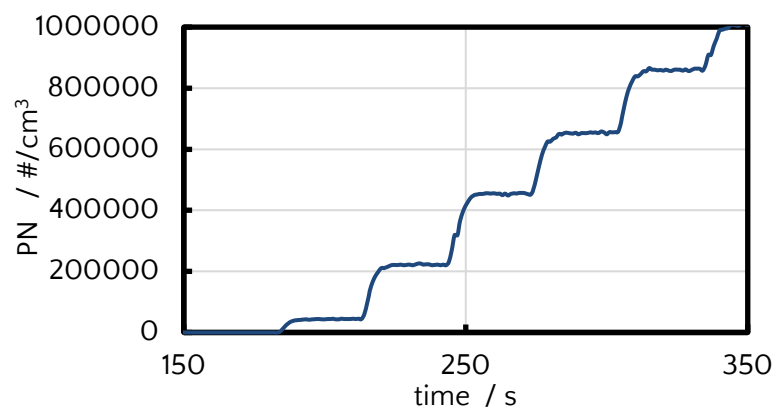
# Particle Calibration System PKS 100 E (2<sup>nd</sup> Generation)

Mobile calibration for particle counter



## Specification

Aerosol material	NaCl
Salt concentration used	0.9 Vol.%
Filling volume	100 ml
min. filling volume	40 ml
max. filling volume	80 ml
Nozzle pressure	3 bar (Germany); 3,5 bar (Netherlands)
Minimum volume flow	10 l/min
Warm-up time	30 s
Aerosol Outlet	Aerosol pipe (5/4")
Particle Number	At least 1.500.000 #/cm <sup>3</sup>
Particle Size Distribution	
Median:	DE: 70 nm ± 5 nm BE/NL: 80 nm ± 5 % ≈ 1.7 ± 0.1
GSD:	
Permissible ambient conditions	
temperature:	5°C – 40 °C
pressure:	860mbar – 1060 mbar
humidty:	5 %rel.hum – 95 % rel.hum
Power supply	12 V (DC)
Dimensions in mm (WxDxH)	356 x 300 x 317
Weight	11,5 kg



**Scale ATS GmbH**

CEO: Peter Schwanzer, Ph.D.

Ladehofstr. 26  
93049 Regensburg

Tel.: +49 941 4629 15 0

Mail: [info@scale-ats.com](mailto:info@scale-ats.com)