

PN REFERENCE CALIBRATOR

PNR 1000 K

With the KNESTEL PN Reference Calibrator PN devices of all different makers can be calibrated in the field. It combines a highly stable salt generator with a reference particle counter in one portable housing.

BENEFITS:

- Continuous monitoring of the generated particle size
- Ready for use in short time
- Aerosol generation with cost efficient salt solution
- Calibration of several PN devices in parallel
- Robust transport case with space for additional Equipment
- Integrated self-control function without particles
- Particle Counter without hazardous components or consumables
- Low maintenance by Clean Charging Technology and contactless measurement



TECHNICAL DATA:

AEROSOL	NaCl, polydisperse, thermal stable
REFERENCE CONCENTRATIONS¹	50.000 #/cm ³ , 100.000 #/cm ³ , 250.000 #/cm ³ , 400.000 #/cm ³ , 1.000.000 #/cm ³
AIR FLOW	Min. 7 l/min
AVERAGE PARTICLE SIZE²	70 nm +- 20 nm
USER INTERFACE	HMI with Display, optional: PC Software
AMBIENT TEMPERATURE	5 – 40°C
AMBIENT PRESSURE	860 – 1060 hPa
DIMENSIONS	~ 470 x 459 x 522 mm
POWER SUPPLY	230 V AC

¹ country specific, additional upon request

² 80nm for dutch market