

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
WEIGHT	21,7 kg
POWER SUPPLY	230 V AC

¹ country specific, additional upon request

² 80nm for dutch market

Transport Option



Example: Trolley with lockable rollers

Although our calibration case with 21.7 kg can be transported at any time by the handles, we optionally offer our customers various transport support options. If you have any questions, please do not hesitate to contact us.