

# PN REFERENCE CALIBRATOR

## PNR 1000 K

With a 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:

- ready for use without warmup time
- aerosol generation with cost efficient salt solution NaCl 0.9 %
- calibration of several PN devices in parallel
- robust transport case with space for additional equipment
- traceable according EN17025
- integrated self-control function without particles
- additional monitoring of the generated average particle size
- integrated Particle Counter without hazardous components or consumables
- low maintenance by Clean Charging Technology and contactless measurement
- automatic averaging function for simple transmission to the calibration protocol



### TECHNICAL DATA:

<b>AEROSOL</b>	NaCl, polydisperse, thermal stable
<b>REFERENCE CONCENTRATION<sup>1</sup></b>	50.000 #/cm <sup>3</sup> , 250.000 #/cm <sup>3</sup> , 300.000 #/cm <sup>3</sup> , 500.000 #/cm <sup>3</sup> , 1.000.000 #/cm <sup>3</sup>
<b>AIR FLOW</b>	< 20 l/min
<b>AVERAGE PARTICLE SIZE</b>	70 nm ± 20 nm
<b>USER INTERFACE</b>	PC Software, HMI with 7" Display
<b>AMBIENT TEMPERATURE</b>	15 – 40°C
<b>AMBIENT PRESSURE</b>	860 – 1060 hPa
<b>DIMENSIONS</b>	572 x 570 x 540 mm
<b>POWER SUPPLY</b>	230 V AC

<sup>1</sup> further on demand