# REF 3000




Reference exhaust

## OPERATION PRINCIPLE

The REF 3000 is an addtional modul for the adaption of the soot generator DNP digital 3000 on a CVS tunnel with the PMP Particlulate Matter Programm exhaust measurement of combustion engines.

## Benefits

- Easy handling
- Reproducible results
- Integration into DNP digital 3000 Firmware

## DATASHEET

| | |
|---|---|
| Maximum particle number concentration | Ca. $10^7$ particles/$cm^3$ |
| Power supply | 115 – 230 V, 50/60 Hz |
| Dosing time | Several hours nonstop |
| Pre-pressure | 4 – 8 bar |
| Compressed air connection | Quick coupling |
| Aerosol outlet connection | $Ø_{inside}$ = 38 mm, $Ø_{outside}$ = 42 mm |
| Dilution gas | Particle-free and dry compressed air |

## Applications

- Connection of soot generator DNP digital 3000 on CVS tunnel
- For the calibration of the PMP measurement chain in Particulate Measurement Program in combination with DNP digital 3000

Mehr Informationen:
https://www.palas.de/en/product/ref3000