APPLICATIONS

- Clean room particle technology
- Clean room validation
- Filter tests
- Quality control
- Oil mist generation
- Tracer particle generation
- Visualization of flows
- Calibration of particle measurement devices
- Inhalation tests

OUR CORE COMPETENCIES

- Filter test systems
- Aerosol spectrometer systems
- Fine dust monitoring systems
- Nanoparticle measurement systems
- Particle generation systems
- Dilution systems
- Clean room particle technology
- Special developments
- Calibration systems
- Services
- Training courses and seminars

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AEROSOL GENERATORS FOR LIQUID PARTICLES

OVERVIEW

PLG 1000

$d_{P\,max}$ ≈ 5 µm
$\dot{m}_{max}$ ≈ 2.5 g/h
$\dot{V}$ ≈ 1–23 Nl/min

PLG 2000

$d_{P\,max}$ ≈ 5 µm
$\dot{m}_{max}$ ≈ 20 g/h
$\dot{V}$ ≈ 10–35 Nl/min

PLG 2000 H
with heating

PLG 2000 HS
with heating and automatic refill

PLG 2100

with heating

$d_{P\,max}$ ≈ 10 µm
$\dot{m}_{max}$ ≈ 100 g/h
$\dot{V}$ ≈ 3–110 Nl/min

PLG 2100 S
with heating and automatic refill

PLG 3000

p ≤ 7 bar
$d_{P\,max}$ ≈ 4 µm
$\dot{m}_{max}$ ≈ 2.4 g/h
$\dot{V}$ ≈ 10–35 Nl/min

PAG 1000

battery life up to 6 h

$d_{P\,max}$ ≈ 6 µm
$\dot{m}_{max}$ ≈ 0.9 g/h
$\dot{V}$ ≈ 0.9–4.6 Nl/min

UGF 2000

$d_{P\,max}$ ≈ 1.5 µm
$\dot{m}_{max}$ ≈ 1.5 g/h
$\dot{V}$ ≈ 1–13 Nl/min

MAG 3000

monodisperse

d_{p} ≈ 0.2–8 µm
$\dot{V}$ ≈ 3.5–4.5 Nl/min

AGF 10.0

$d_{P\,max}$ ≈ 10 µm
$\dot{m}_{max}$ ≈ 20 g/h
$\dot{V}$ ≈ 14–35 Nl/min

AGF 10.0 D
p ≤ 10 bar
$d_{P\,max}$ ≈ 10 µm
$\dot{m}_{max}$ ≈ 20 g/h
$\dot{V}$ ≈ 14–35 Nl/min

AGF 2.0

$d_{P\,max}$ ≈ 2 µm
$\dot{m}_{max}$ ≈ 4 g/h
$\dot{V}$ ≈ 6–17 Nl/min

AGF 2.0 iP
$d_{P\,max}$ ≈ 2 µm
$\dot{m}_{max}$ ≈ 2 g/h
$\dot{V}$ ≈ 12–14 Nl/min

AGF 2.0 D
p ≤ 10 bar
$d_{P\,max}$ ≈ 2 µm
$\dot{m}_{max}$ ≈ 4 g/h
$\dot{V}$ ≈ 12–45 Nl/min

AGF 3000

p ≤ 7 bar
$\dot{m}_{max}$ ≈ 29 g/h
$\dot{V}$ ≈ 10–70 Nl/min