



PMP 23 nm → 10 nm Particle Counter Conversion Service

UN-ECE R-83/R-49 PARTICLE COUNTING REQUIREMENTS ARE CHANGING:

CONDENSATION PARTICLE COUNTER (CPC) DETECTION EFFICIENCY:

$D_{50} = 23 \text{ nm} \rightarrow D_{50} = 10 \text{ nm}$

VOLATILE PARTICLE REMOVER (VPR) CALIBRATION:

Monodisperse Particles 30, 50, and 100 nm → + Monodisperse 15 nm performance Specification

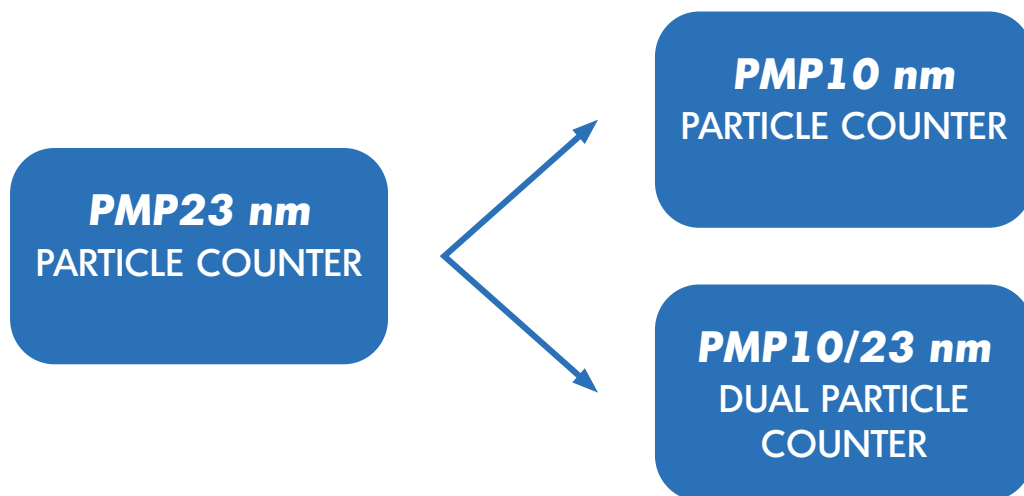
VOLATILE PARTICLE REMOVAL:

Evaporation Tube (ET) → Catalytic Stripper
(>99.9% 1mg/m³ volatile particle removal)

YOUR OPTIONS TO MEET THE NEW REQUIREMENTS:

1. RETIRE CURRENT PARTICLE COUNTER / PURCHASE NEW, COMPLIANT PARTICLE COUNTER.
2. CONVERT CURRENT PARTICLE COUNTERS TO MEET REQUIREMENTS.

EigenValue Emission Solutions' Conversion Service Options



COMPANY
11749 REBECCA LANE
WHITMORE LAKE, MI 48189

LAB / OFFICE
1160 WATSON AVE.
YPSILANTI MI 48198

mobile: (+1) 734.236.9054
info@eigenvalueemission.com
www.eigenvalueemission.com

STANDARD VS DUAL 23 / 10 NM CONVERSION

	ET Removal & CS Install	Convert CPC	VPR/CPC ISO 17025 Calibration	Airmodus Dual 10/23 CPC	CPC Enclosure	Equalized Sampling & Conditioning	Dual CPC Pump	CE compliance	New PMP10 CPC
Standard conversion	X	X	X					X	
Dual 23/10nm Conversion	X		X	X	X	X	X	X	X



BENEFITS AT A GLANCE

- ✓ Significant cost savings (> 50%) over purchase of new PMP10 nm Particle Counter
- ✓ No costly upgrades required before conversion
- ✓ Retain & repurpose TSI CPC Sensor
- ✓ ISO 17025, PMP Compliant 10 nm CPC Calibration
- ✓ ISO 17025 PMP Compliant Dual 10/23 nm VPR Calibration
- ✓ Removable/Replaceable Catalytic Stripper
- ✓ Superior After Sales Service and Preventative Maintenance