



Yateks ViscoPen YPV Portable Multi-Parameter Fluid Tester

Instant Viscosity, Density and Temperature measurement for on-site lubricant and industrial fluid monitoring.






Product Description

The Yateks ViscoPen YPV is a compact handheld fluid analyzer for rapid on-site testing of lubricants and industrial fluids. Using piezoelectric resonant MEMS technology, it measures viscosity, density and temperature within seconds. Its pen-style portable design, IP67-rated probe and one-button operation enable fast and reliable fluid condition checks in the field, supporting condition-based maintenance (CBM) and reducing laboratory dependence.





Measurements

Parameter	Range	Accuracy
Temperature	0–60°C	±0.3°C
Density	600–1250 kg/m ³	±3%
Dynamic Viscosity	1–1000 mPa·s (cP)	±5%
Kinematic Viscosity	1–1000 mm ² /s (cSt)	±5%
Viscosity @ 40°C	1–1000(cSt)	±5% ~ ±8%
Viscosity @ 100°C	1–1000(cSt)	±5% ~ ±8%

Key Features

-  **Portable & Fast**
Compact pen-style design for rapid field measurements
-  **Multi-Parameter Measurement**
Viscosity (40 °C / 100 °C), Density and Temperature
-  **Industrial Durability**
316 stainless steel probe with IP67 protection
-  **Extended Battery Life**
Up to 35 hours of operation with USB-C charging
-  **One-Button Operation**
No training required

Specifications

-  Battery Capacity : 3450 mAh
-  Battery Cover
-  Display Screen (34X18mm)
-  Operating Time : > 36 hours
- Operating Temperature : 0–50°C
- Fluid Temperature : 0–60°C
- Storage Temperature : 0–55°C
- Body: IP5X; Probe: IP67
- Probe Material : 316 stainless steel
- Weight : 250g



Applications

