

CuTie

Copper Corrosion Analyzer

ASTM D130, ASTM D1838, ASTM D4048
ASTM D4814, IP227, ISO 2160, IEC 62535

Cutie Copper Corrosion Analyzer performs all copper and silver corrosion tests up to 200°C. Unit has an aluminum dry block test chamber available in 4, 8 and 12 sample containers. Cutie Copper Corrosion Analyzer is suitable for aviation gasoline, aviation turbine fuel, automotive gasoline, natural gasoline or other petroleum products' corrosiveness tests according to ASTM D130, D1838, D4048, D4814, IP227, ISO 2160 and IEC 62535.

Copper corrosion test is used to determine the level of corrosiveness to copper of hydrocarbons. At different temperatures, a polished copper strip is immersed in the hydrocarbon sample. After a given time, strip is checked for corrosion. A classification number is assigned according to the ASTM D130.



Key Benefits

Sensitive Temperature Control: 0.01°C temperature control sensitivity within wide temperature range.

Clean Analysis: Aluminum dry block to avoid oil bath pollution for clean and easy analysis.

Rapid Heating: Powerful heating for fast and stable set temperature up to 200°C.

Compatible: Different adapters for different sample types.

Cooling: Built-in coil for fast cooling of the test chamber.

Ergonomic: Small footprint to fit on any bench.

Safety: Built-in over temperature interlock and chamber cover.

Economic: Lower power consumption and doesn't require bath liquid.

Models

CuTie 60 Copper Corrosion Analyzer	6 Test slots
CuTie 80 Copper Corrosion Analyzer	8 Test slots
CuTie 120 Copper Corrosion Analyzer	12 Test slots

Specifications

Methodology	ASTM D130, ASTM D1838 ASTM D4048, ASTM D4814 IP227, ISO 2160, IEC 62535
Analysis chamber	Aluminum dry block
Chamber options	6, 8 and 12 positions
Temperature range	10°C to 200°C
Temperature sensitivity	0.05°C
Temperature stability	0.1°C
Cooling	Embedded cooling coil
Security	Over temperature interlock & Test chamber cover
Weight	30 Kg
Dimensions	38 x 52 x 27 cm
Power requirement	220 VAC – 50 Hz
CE Mark	