

Oxidation Stability of Mineral Insulating Oils

test method

Determines oxidation stability of mineral transformer oils by measuring the amount of sludge and acid formed under prescribed accelerated aging conditions.

oxidation stability bath

- Conforms to ASTM D2440 specifications
- Digitally controlled temperature control with overtemperature cut-off
- Six-sample testing capacity

Constant temperature oil bath for testing oxidation stability of mineral insulating oils. Immerses six oil receptacles at the required depth per ASTM specifications at $110^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$, and controls oxygen flow to each sample at the rate of $1\text{L/h} \pm 0.1\text{L/h}$ through six independent flowmeters mounted on a common manifold. Insulated double-wall stainless steel bath has microprocessor temperature control with $^{\circ}\text{C}/^{\circ}\text{F}$ switchable digital setpoint and display. Operator and equipment are protected by an overtemperature control circuit which automatically interrupts power to the unit when bath temperature exceeds a programmed cut-off point. Order bath thermometer drying tower and catalyst separately.



K64100 Oxidation Stability Bath

specifications

Conforms to the specifications of: ASTM D2440
Testing Capacity: Six (6) samples
Maximum Temperature: 230°F (110°C)
Temperature Control Stability: $\pm 0.09^{\circ}\text{F}$ ($\pm 0.05^{\circ}\text{C}$)
Heater: 1000W
Bath Medium: 7.2 gal (27.2L) white technical oil

Electrical Requirements:

115V 60Hz, Single Phase, 10A
220-240V 50/60Hz, Single Phase, 5A

Dimensions lxxh, in.(cm.)

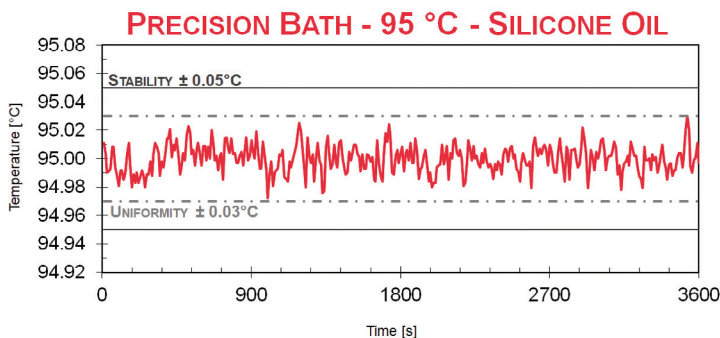
22x21.3x21.5 (55.9x54.1x54.6)

ordering information

catalog no.	description
K64100	Oxidation Stability Precision Bath, 115V 60Hz
K64190	Oxidation Stability Precision Bath, 220-240V 50/60Hz

accessories

K12130	Copper Catalyst Coils
332-005-011	Glass Filter Crucible
250-000-95C	ASTM 95C Thermometer
355-001-001	White Technical Oil, 1 gal container
355-001-003	White Technical Oil, 5 gal container



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