

KATO

ELECTRIC MFG. CO., LTD.

TELEX : 246-6049

17-19, EBARA 2-CHOME, SHINAGAWA-KU, TOKYO

PORTABLE
OIL TESTER

BULLETIN
NO. 126
R-2

MODEL KPT-6MA, 8MA, 9MA



MODEL KPT-6MA

FEATURES :

- Test electrodes and vessels conforming to required specifications.
- Completely self contained, with no external equipment or disassembly required.
- A motorized linear voltage increases up to the breakdown of the voltage.
- Interlocked test vessel and sliding clear plastic cover plate for operator safety.
- In the event of a breakdown, the indicator pointer stops and stays at the KV test value, which therefore can be read whenever desired.
- Manual stop switch to stop test voltage at desired point.

DESCRIPTION :

This Portable Oil Tester are designed for testing the dielectric breakdown voltage strength of insulating oils in accordance with JIS C2101 and IEC156 using spherical electrodes, ASTM D877 using disc electrodes, ASTM D1816 and IEC156 using mushroom electrodes. A motor-driven power unit automatically raises the voltage at required speed. (* 500 V/sec. for ASTM D1816, * 2000 V/sec. for IEC156 and 3000 V/sec. for JIS C2101 and ASTM D877). The well-proportioned unit comprise of a single phase oil immersed type testing transformer, slide type voltage regulator, control panel and oil test vessel.

※ : Option.

OIL TEST VESSELS

RIGHT: Model P60 Oil Test Vessel with 12.5/36/25 mm diameter removal spherical electrodes using Model KPT-6MA to meet JIS C2101, IEC 156 and ASTM.

LEFT: Model P80 Oil Test Vessel with 12.5/36/25 mm diameter removal spherical electrodes using Model KPT-8MA and KPT-9MA to meet JIS C2101, IEC 156 and ASTM.



SPECIFICATIONS

MODEL	KPT-6MA	KPT-8MA	KPT-9MA
INPUT	100 or 200V 50/60Hz, single phase		
OUTPUT, KV r. m. s.	0-60	0-80	0-90
CAPACITY, KVA	1		
RATE OF RISE	Automatic *500V/sec. for ASTM D1816, *2000V/sec. for IEC 156 and 3000 V/sec. for JIS C2101 and ASTM D877 * : Option.		
DIMENSIONS :			
cm (in.) L	40.5 (15.9)	74 (29.1)	74 (29.1)
W	30 (11.8)	30 (11.8)	30 (11.8)
H	42 (16.5)	45 (17.7)	55 (21.7)
WEIGHT, kg(aluminum)	43 (35)	72 (54)	74 (56)

* The above specifications may be modified without any notice.

ORDERING DETAILS :

MODEL No.	A	Power	B	Volt. Rise	C	Electrodes	D	Spacing
KPT-MA	A B C D	1 100 V	1	3 KV/S	1	12.5 mm	1	2.5 mm
		2 200 V	2	2 KV/S	2	36 mm	2	2 mm
		3 100/200 V	3	0.5 KV/S	3	25.4 mm		
			4	3/2/0.5 KV/S				

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