



uniload voltage transformer test set

TYPE 2J6



introduction

The Type 2J6 Knopp Uniload Voltage Transformer Test Set consists of three major parts:

- A Knopp Precision Multirange Voltage Transformer Standard with four primary ranges (from 14,400 volts to 36,000 volts) and a 120 volt secondary.
- A Knopp Heavy-Duty Supply Transformer with a primary of either 120 volts or 240 volts (as ordered) and with secondary ranges the same as the primary ranges of the precision transformer standard.
- A mounting base which aligns and supports the above two transformers.

This Type 2J6 test set is available in various models shown in the following table. Custom versions are also available.

<u>Test Set Type No.</u>	<u>Voltage Trans. Type No.</u>	<u>Supply Trans. Type No.</u>	<u>Ranges Provided in Transformers</u>
2J6-1	WP-36000-1	LP-36000-1	14,400; 18,000; 20,760; 36,000
2J6-2	WP-36000-2	LP-36000-2	14,400; 16,800; 24,000; 36,000
2J6-3	WP-36000-3	LP-36000-3	14,400; 21,000; 24,000; 36,000

For convenience and safety, a special high-voltage connection bar and lead set for selecting the proper voltage range on the supply transformer and precision standard are provided with each 2J6 set. The connection bar is designed to prevent incorrect connections during tests.

The Knopp Supply Transformer mounts alongside the Knopp Precision Transformer with an interlocking feature for rigidity. Hook-eyes are also provided on the top of each transformer for lifting.

accuracy and burden

When the Knopp Precision Transformer in the 2J6 set is compensated for, and used with, a secondary burden of 15 volt-amperes, for example, the ratio of this precision transformer is well within 0.02% and the phase angle is well within 2 minutes. The transformer, in common with other Knopp Precision Multirange Transformers, is wound so that it has practically the same ratio and phase angle accuracy on all ranges.

calibration

The transformer standard can be checked against any 14,400 volt transformer standard, such as the Type WP-14000 Knopp Precision Multirange Voltage Transformer

dimensions and weight

The equipment measures approximately 38.75" wide, 23.75" deep, and 30" high. The net weight is approximately 1,220 pounds.

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