



W8MT3VM



W8MT3

Portable Variac® Autotransformers

Portable, metered, cased units are available in twenty models for use in the laboratory and on the test bench. Each consists of a Variac autotransformer and an overload protector. Some models have a voltmeter, ammeter, and wattmeter in different configurations.

Adequate meter shielding is provided to reduce stray fields sufficiently to give over-all meter accuracy of 3% of full scale (5% of full scale for the powerful W20HMT3A).

The output circuit is protected by either a Klixon* thermal overload breaker, resettable from the panel, or by easily accessible and replaceable fuses.

A double-pole on-off switch disconnects both sides of the line. Where dual-range meters are used, make-before-break range switches permit switching under load. All have convenient carrying handles. Some models come in both 2- and 3-wire versions.

* Registered trademark of Texas Instruments Inc.

Single-phase, 120-volt input, 50-60 Hz

Output			Type	Meter Ranges (full scale)			2- or 3-wire cord and receptacle	Catalog Number	Net Weight lb	Shipping Wt lb	Outline Dimensions (inches)		
Rated Current Amperes	Max Current Amperes	Max Output Voltage Range		Amperes	Watts	Volts					W	H	D
5.0	—	0-140	W5MT	—	—	—	2	3030-5118	8	15	4 $\frac{7}{8}$	6 $\frac{3}{8}$	4 $\frac{3}{8}$ *†
5.0	—	0-140	W5MT3	—	—	—	3	3030-5119	8	15	4 $\frac{7}{8}$	6 $\frac{3}{8}$	4 $\frac{3}{8}$ *†
5.0	—	0-140	W5MT3VM	—	—	150	3	3030-5015	8	19	4 $\frac{7}{8}$	6 $\frac{3}{8}$	4 $\frac{3}{8}$
5.0	—	0-140	W5MT3A	1/5	—	150	3	3030-5012	11	19	6 $\frac{3}{4}$	9 $\frac{1}{2}$	5 $\frac{1}{4}$
5.0	—	0-140	W5MT3W	—	150/750	150	3	3030-5013	12	19	6 $\frac{3}{4}$	9 $\frac{1}{2}$	5 $\frac{1}{4}$
5.0	—	0-140	W5MT3AW	1/5	150/750	150	3	3030-5014	12	21	11 $\frac{1}{8}$	8 $\frac{3}{8}$	5 $\frac{3}{8}$
7.1	—	0-120	W5LMT3†	—	—	—	3	3050-5119	8	18	4 $\frac{7}{8}$	6 $\frac{3}{8}$	4 $\frac{3}{8}$
10.0	—	0-140	W8MT3	—	—	—	3	3038-5119	10	16	5 $\frac{3}{8}$	7	6 $\frac{1}{8}$
10.0	—	0-140	W8MT3VM	—	—	150	3	3038-5015	10	16	5 $\frac{3}{8}$	7	6 $\frac{1}{8}$
10.0	—	0-140	W10MT	—	—	—	2	3060-5118	16	24	6 $\frac{3}{4}$	9 $\frac{1}{2}$	5 $\frac{1}{4}$ †
10.0	—	0-140	W10MT3	—	—	—	3	3060-5119	16	24	6 $\frac{3}{4}$	9 $\frac{1}{2}$	5 $\frac{1}{4}$ †
10.0	—	0-140	W10MT3A	2/10	—	150	3	3060-5012	18	30	8 $\frac{3}{8}$	11 $\frac{1}{8}$	5 $\frac{3}{8}$
10.0	—	0-140	W10MT3W	—	300/1500	150	3	3060-5013	18	30	8 $\frac{3}{8}$	11 $\frac{1}{8}$	5 $\frac{3}{8}$
18.0	—	0-140	W20MT3A	20	—	150	3	3090-5012	27	34	8 $\frac{3}{8}$	11 $\frac{1}{8}$	5 $\frac{3}{8}$
18.0	—	0-140	W20MT3	—	—	—	3	3090-5119	20	23	8 $\frac{3}{8}$	11 $\frac{1}{8}$	5 $\frac{3}{8}$ †

† 60 Hz only

Single-phase, 240-volt input, 50-60 Hz

2.0	—	0-280	W5HMT	—	—	—	2	3040-5118	8	15	4 $\frac{7}{8}$	6 $\frac{3}{8}$	4 $\frac{3}{8}$ †
4.0	—	0-280	W10HMT	—	—	—	2	3070-5118	15	24	6 $\frac{3}{4}$	9 $\frac{1}{2}$	5 $\frac{1}{4}$
4.0	—	0-280	W10HMT3	—	—	—	3	3070-5119	15	24	6 $\frac{3}{4}$	9 $\frac{1}{2}$	5 $\frac{1}{4}$
8.0	—	0-280	W20HMT3	—	—	—	3	3100-5119	27	35	8 $\frac{3}{8}$	11 $\frac{1}{8}$	5 $\frac{3}{8}$ †
8.0	—	0-280	W20HMT3A	10	—	300	3	3100-5012	25	31	8 $\frac{3}{8}$	11 $\frac{1}{8}$	5 $\frac{3}{8}$

Types MT and MT3 have overvoltage connections and corresponding dial scales, but can be supplied on special order with line-voltage connections and dial scales.

* Listed under Re-examination Service of Underwriters' Laboratory.

† Approved by Canadian Standards Association.

National stock numbers are listed at the back of the catalog.