

METRIC VOLUME WEIGHT TESTER

TESTING EQUIPMENT

C. Cretors & Company offers the only volume tester developed with counsel and input from the Popcorn Institute to measure popcorn expansion. The Cretors' Metric Weight Volume Tester duplicates normal popping conditions with all the variables tightly controlled. Popcorn processors and retailers are able to compare the expansion of various samples of popcorn to ensure corn quality, determine corn expansion and performance. Detailed instructions are developed in cooperation with the Popcorn Institute and must be followed for results to be considered valid.

The volume tester was originally developed in 1952 by Cretors to test the quality of popcorn that was being provided by corn processors. In 1972, Cretors worked closely with the Popcorn Institute Grades and Standards Committee to develop what is now known as the Metric Weight Volume Tester. The MWVT gave the industry an objective standard against which corn processors could compare their product.

How it works

- Digital watt meter allows the user to accurately control the power supplied to the popping kettle regardless of voltage supplied to the machine. It also lets the user adjust for variable voltage solutions
- Digital temperature control permits accurate temperature to exactly duplicate the test conditions specified by the Popcorn Institute
- The popping pan is manually charged with specified amounts of corn and coconut oil
- The popped corn drops through the funnel-shaped hopper into the measuring tube, minimizing corn breakage and providing the most accurate measure of corn expansion
- Each measuring tube is individually calibrated using a single reference source to ensure accuracy and consistency
- Before shipment, each MWVT is test popped and compared to a standard unit for reference to assure consistency and accuracy of operation



Contact your Cretors representative for a complete list of agency approvals for each machine. Images may not reflect current equipment modifications, features and accessories.



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METRIC VOLUME WEIGHT TESTER 8.16

METRIC WEIGHT VOLUME TESTER NORTH AMERICA

MACHINE	ELECTRICAL				MACHINE DIMENSIONS INCHES			SHIP DIMENSIONS INCHES			SHIP WEIGHT
	VOLTAGE	WATTS	AMPS	NEMA	LENGTH	WIDTH	HEIGHT	LENGTH	WIDTH	HEIGHT	lb
Metric Weight Volume Tester	120V/60HZ	2300	19.19	L5-30	23.00	29.00	76.50	34.00	36.00	83.00	314

METRIC WEIGHT VOLUME TESTER EXPORT – CE MARK AVAILABLE

MACHINE	ELECTRICAL				MACHINE DIMENSIONS CENTIMETERS			SHIP DIMENSIONS CENTIMETERS			SHIP WEIGHT
	VOLTAGE	WATTS	AMPS		LENGTH	WIDTH	HEIGHT	LENGTH	WIDTH	HEIGHT	kg
Metric Weight Volume Tester	230V/50HZ	2300	10		58.42	73.66	194.31	86.36	91.44	210.82	141.30

Contact Cretors for machine agency approval listings.





Metric Weight Volume Tester



Part Number	Voltage	Wattage	NEMA Plug
9575A	120v / 60Hz	2300	L5-30
9575E	230v / 50Hz	2300	N/A

Shipping Weight 314 lbs / Shipping Dimensions: 34in x 37in x 82in
 Metric Shipping Weight: 143 kg / Shipping Dimensions: 87cm x 94cm x 209cm
**Actual dimensions available in technical drawing below*

