






AWM Wafer Mover

H-Square's Automatic Wafer Mover™ (AWM) is an electromechanical stand-alone tabletop automation system designed to move single wafers between two process cassettes. The automation platform is controlled by use of a storable touchscreen display. The AWM can be ordered from the factory adjusted to handle either 75mm, 100mm, 150mm or 200mm wafers. Each system can be uniquely setup to handle customer specific wafer cassette(s), wafer thickness or unique wafer attributes. Wafer Movers are designed to alleviate the need for manual wafer handling methods, reduce scratching and wafer breakage.

An H-Square Wafer Mover platform will effectively replace the need for a vacuum wand, wafer tweezers, or an expensive sorter platform. Operators will interface with either RECIPE mode or a MANUAL mode for fast, safe, and easy tool operation.

-  Eliminates scratches due to operator wafer handling errors
-  Low price. High quality.
-  Fast throughput up to 325 WPH
-  Small footprint. Table top. Only requires an electrical connection to operate
-  Mapping end effector ensures wafer safety
-  75mm, 100mm, 125mm, 150mm or 200mm systems available

WAFER MOVERS	WAFER TRANSFERS	VACUUM WANDS	WAFER ALIGNERS	WAFER CASSETTES	WAFER ESCALATORS	WAFER PRESENTERS	CASSETTE INSERTS
WAFER PICKS	DIE HANDLING	FLAT PANEL HANDLING	HARD DISK HANDLING	BERNOULLI HANDLING	AUTOMATED LIFT CARTS	PHOTOMASK HANDLING	POD OPENERS



Videos

High Performance Cleanroom Handling Tools

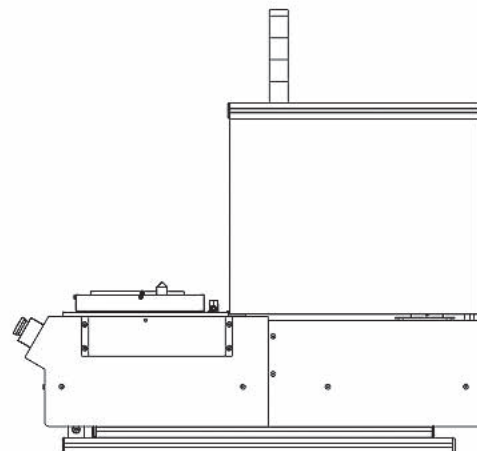
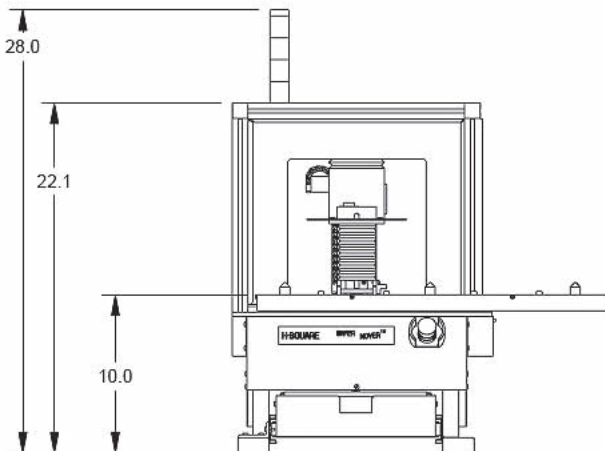
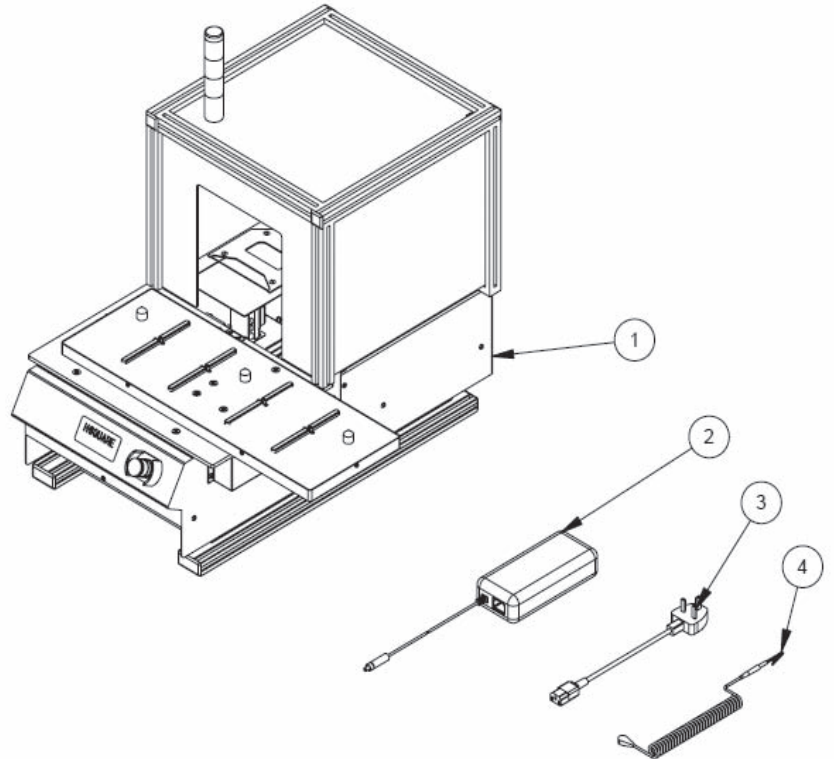
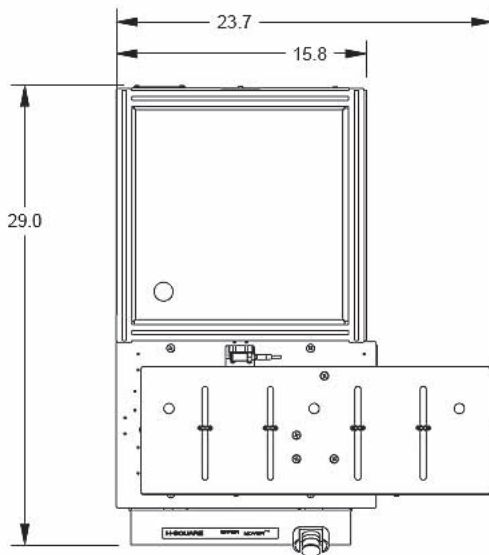
3100 Patrick Henry Drive Santa Clara, California 95054 United States
1 (408) 982-9108 tel 1 (408) 982-9183 fax info@h-square.com



Website

AWM Wafer Mover

Stage: Teflon coated hard black anodized
Gravity end effector touchpads: Kalrez
Cassette positioners: ESD safe PEEK
Facilities: 120/240V AC, 5 amp
Transfer rate: 275-325 WPH
Power: external 24V DC power supply
Control: Panasonic PLC



High Performance Cleanroom Handling Tools

3100 Patrick Henry Drive Santa Clara, California 95054 United States
1 (408) 982-9108 tel 1 (408) 982-9183 fax info@h-square.com

