

990 CHECKWEIGHER

The Model 990 is a micro-computer controlled digital checkweigher scale that is designed to classify by weight, items that are conveyed across a scale platform. Each item is classified into one of five weight zones which are indicated on the zone lights (UNDER, UNDER-OK, OK, OVER-OK, OVER). With each weigh cycle the checkweigher scale will accumulate the weight, item zone count, item total count, and compute the weight average.



Easy to use

Front keypad panel enables operator to quickly adjust to desired settings.

Rapid bag weight change

To change bag weight zones operator simply enters in new set point(s), via keypad.

Accurate display

Displays filled bag weights in pounds and tenths or kilograms and tenths.

Zone Outputs

Classification outputs are provided to connect to remote zone light station, audible alarm and bag reject system.

Calibration

Calibration to test weight easily set by front keypad panel.

Printer capability

For each bag checked: bag number, weight of bag, five-zone status. For summary of bagging run: total number of bags checked, total weight checked, average weight of bags checked, total bags per zone, total weight per zone, average weight per zone.

Automatic Zero Tracking

Compensates for product build-up on scale.



Additional front panel keypad features

- Zone set points
- Zero set
- Tare set
- Number of bags checked
- Total weight checked
- Average weight of bags
- Number of bags checked per zone
- Total weight checked per zone
- Average weight of bags per zone
- Calibration
- Reject timer set

Specifications

Weightmeter:	Model DM universal weight indicator
Enclosure:	NEMA-12 dust tight wallmount enclosure measuring 12"H x 10"W x 5"D
Accuracy:	.02% of full scale capacity
Zero/Tare Net/Gross Pushbutton:	Front panel keypad operated
Zone Presets:	Two independent digital setpoints for 3-zone classification and 4 setpoints for 5-zone classification. Presets entered via front panel keypad.
Zone Lights:	One for each zone. Indicates what weight zone the item is within when it crosses the scale.
Zone Counters:	One for each zone plus total. Provides 8-digit item counter for each weight zone and one grand total item counter. Count can be visually recalled.
Weight Accumulator:	Digital weight accumulator that automatically accumulates the weight of all items that are checkweighed. Can be visually recalled.
Average Wt. Computation	Automatically computes the running average weight for each zone of items checkweighed. Can be visually recalled
Keypad:	Keypad is used for recall and entering zone setpoints, zone count, total weight, tare weight, and delay to reject.
Status Indicator:	Eight-character alpha-numeric readout that displays status information during setup. In the check mode, the display shows the data that is recalled by operating the function keys. When changing setpoint, the new value is displayed for verification. During operation, display shows the bag weight.
Output Signals:	All output zone light signals are isolated solid state relay outputs rated at 115 VAC/1AMP.

Battery Backup:	Retains data in memory during power failure.
Power:	115 VAC + or - 10%/60HZ/25 watts.
A/D Conversion Rate:	60 updates per second.
Display response time:	1 second full scale.
Operating temperature:	14 F to 104 F
Sensitivity:	.8 to 60 uv per graduation digit
Test weight set:	Front panel keypad operated
Load cell:	Tension load cell
Capacity:	500 lbs
Safe overload:	200%
Conveyor:	Motorized conveyor mounted on flexure lever scale base with stand. Includes switch assembly for completion of weigh cycle.



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