

## YST SERIES WEIGHT PLATFORMS- SPECIFICATION SHEET

- \* Super High Resolution **AND** Economical Load Cell weight platforms
- \* **STANDARD** capacities from 2 lb (1 kg) to over 12000 lb (6000 kg)
- \* **HIGHER** capacities and **CUSTOM** configurations available
- \* **EXPLOSION PROOF** versions available on most models

These, our most accurate weight platforms, use the latest force rebalance technology to achieve at least ten times more resolution than typical load cell platforms. Higher resolution means wider useable range of measurement. These platforms will not degrade the system accuracy of our high sensitivity KSR series of Mass Properties instruments. They are also well suited for measuring incremental weight such as the weight of fuel or ballast added to a missile or other test object. Typical specifications of our most popular models are listed below.

MODEL	Payload Capacity (lbs.)	Resolution (lbs.)	Accuracy (lbs.)	Table Size (in.)
YST2.5FR	2.5	0.000002	0.000004	
YST25FR	25	0.0002	0.0004	
YST35FR	35	0.0002	0.0004	12x16
YST330FR	330	0.002	0.004	
YST660FR	660	0.005	0.008	32x24
YST1320FR	1320	0.02	0.04	32x32
YST2200FR	2200	0.05	0.08	49x39
YST6000FR	6000	0.1	0.5	59x49
<b>Additional Ranges are Available - Please call</b>				
<b>Weight Platforms - EXPLOSION PROOF</b>				
MODEL	Payload Capacity (lbs.)	Resolution (lbs.)	Accuracy (lbs.)	Table Size (in.)
YST3300FR-EX	330	0.002	0.004	32x24
YST660FR-EX	660	0.005	0.008	32x24
YST1320FR-EX	1320	0.02	0.04	32x32
YST2200FR-EX	2200	0.05	0.08	49x39
YST6000FR-EX	6000	0.1	0.5	59x49

Se9994 Computer interface and integration for all models includes interfacing and software to incorporate weight measurement with mass properties system. Measured weight is printed as part of mass properties report.

### STANDARD RESOLUTION LOAD CELL WEIGHT PLATFORMS

Conventional load cell technology in these weight platforms is most suitable for situations where the test part weight is not critical and the platform capacity is matched to a dedicated test part weight. They are not suitable for mass properties systems where test part weight may be as small as 10 percent of weight platform capacity. Such a misapplication will degrade the system accuracy of a KSR series mass properties system. RS232 interface and digital display are standard. Typical specifications of our most popular models are listed below. Price includes RS232 interface which plugs into backplane of IBM computer and software for report generation.

WEIGHT PLATFORMS			
MODEL	PAYLOAD CAPACITY	Resolution (lbs.)	Accuracy (lbs.)
YST50L	50	0.005	0.01
YST400L	400	0.05	0.1
YST1600L	1600	0.2	0.4