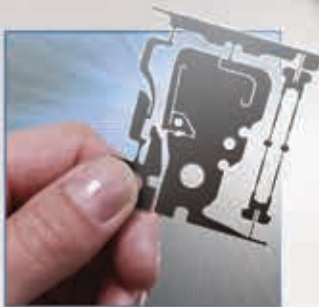


# TS SERIES

STAINLESS STEEL  
TUNING FORK  
BALANCE



The mono-metal tuning fork sensor provides unrivaled stability with an extremely small margin of error. In this tiny device, experience sensitivity 50 times greater than that of any load cell.

**CUSTOM TEK**  
INDUSTRIAL WEIGHING SOLUTIONS

# TS SERIES STAINLESS STEEL TUNING FORK BALANCE



## Durable. Dependable. Accurate.

The sleek looking stainless steel housing of Rice Lake's TS Series is more than just attractive. This mirror finish is a barrier against potentially destructive elements. For work environments where anything can happen, trust in a balance that delivers performance inside and out.

### IP65 Design

The polished finish of the TS Series' stainless steel housing offers exceptional durability. An IP65 rating means this balance protects against the ingress of dust and liquids into electronic components that can happen from normal spills and splashes. Smooth, continuous lines of the TS design make cleanup effortless.

### Rapid Response

Unique tuning fork technology provides a high-speed response time, with stable and reliable results. No more waiting for stabilization or warm up, simply plug in and go.

### RS-232 Interface

The TS Series offers incredibly fast output compared to similar models. The ability to interface with a PC and other equipment is invaluable for creating compliance records and data storage.

### Measurement Modes

The TS Series is able to meet the needs of nearly any weighing application with several different operating functions:

- Weigh Mode—Toggle between two units of measurement
- Piece Counting—Operates as a counting scale
- Percentage Weighing—A sample is referenced to a 100% standard given
- Density Measurement—With optional under hook
- Unit Conversion—Converts values of 13 separate units of measurement
- Cumulate Function—Adds samples to supply cumulative weight
- Animal Weighing—Value is displayed after accounting for animal movement
- Limit Function—References weight to stored limits



*The 620g model is available in circular pan only.*

### Standard Features

- IP65, Stainless Steel
- Large 18 mm Liquid Crystal Display (LCD) with backlight
- Selectable modes
- 13 units of measurement
- MMTS (Mono-Metal Tuning Fork Sensor) provides quick response and stability
- 115 VAC adaptor included (230 VAC optional)
- Semi-automatic calibration (external weight)
- RS-232 bidirectional

### Options/Accessories

- Under-weigh hook
- Waterproof RS-232 cable
- Battery

### Specifications

	TS-620	TS-6200	TS-8200
Capacity:	620 g	6200 g	8200 g
Resolution:	0.01 g	0.1 g	0.1 g
Platform Size:	140 mm	190 x 190 mm	190 x 190 mm
Non-linearity*:	(+/-) 0.01 g	(+/-) 0.1 g	(+/-) 0.1 g
Repeatability**:	0.01 g	0.1 g	0.1 g
Display:	LCD with backlight		
Calibration:	External calibration weight		
Weight Units:	g, ct, oz, lb, ozt, dwt, GN tl (Hong Kong), tl (Singapore, Malaysia), tl (Taiwan), momme, tola		
IP Rating:	IP65		
RS-232:	9 pin D-sub male		
Operating Temp:	32–104°F (0–40°C), 80% RH or less		
Dimensions:	310 x 208 x 87 mm (12.2 x 8.2 x 3.4 in)		
Warranty:	Five-year limited warranty		

\* Typical values

\*\* Standard deviation

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Custom Tek Ltd.  
Bedford Technology Park  
Thurleigh  
Bedford, Bedfordshire MK44 2YP • United Kingdom  
TEL: 01234 780144

www.customtek.co.uk