

# TC & TP SERIES

COMPACT & PRECISION  
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.*

**RICE LAKE**<sup>®</sup>  
WEIGHING SYSTEMS

800-472-6703

[www.ricelake.com](http://www.ricelake.com)

# TC & TP SERIES

COMPACT & PRECISION TUNING FORK BALANCE



## Practical. Portable. Precise.

The simple, straightforward design of Rice Lake's TC and TP Series creates for an effortless user experience. Equipped with the unique Mono-Metal Tuning Fork Sensor (MMTS), this balance series brings remarkable response time and exceptional stability to any setting.

### User Friendly:

Functions that are easy to use and understand come standard with the TC and TP Series. Enhance productivity with modes such as unit counting and percentage weighing. The ability to weigh in 12 different measurement units allows for adaptation to any standard type.

### Compact:

The manageable sizes of the TC and TP Series are suitable for even the most limited of space. A footprint smaller than a sheet of paper makes them perfect for crowded work environments.

### Responsive:

Each balance performs with incredible sensitivity and stability by relying on its dynamic tuning fork sensor. Plug in and go without waiting for stabilization.

### STANDARD FEATURES

#### TC & TP Series:

- Large, 16.5 mm-high backlit liquid crystal display (LCD)
- Selectable modes: weight, unit count, and percentage
- 12 units of measurement
- Mono-metal tuning fork sensor (MMTS) provides quick response and stability
- 20-step bar graph display
- 115 VAC adaptor included (230 VAC optional)
- Semi-automatic calibration (external weight)
- Plastic housing on models <1,000 g, plastic top and die cast bottom on models >1,000 g

#### TP Series (only):

- Weighing resolution 1/620,000
- RS-232 bidirectional

### OPTIONS

- Rechargeable battery
- Under-hook weighing

#### TC Series

- RS-232 bidirectional

	TC Series			TP Series			
Model	TC-620	TC-4200	TP-220 <sup>^</sup>	TP-820	TP-3200	TP-8200	TP-12k
Capacity	620 g	4200 g	220 g	820 g	3200 g	8200 g	12,000 g
Resolution	0.01 g	0.1 g	0.001 g	0.01 g	0.01 g	0.1 g	0.1 g
Repeatability	1 division						
Linearity	+/- division						
Tare	Full weighing range						
Modes	Weighing, counting, percentage						
Operating Temperature	41°F to 95°F (5°C to 35°C) 80% RH or less						
RS-232 (TC option)	Baud rate - 1200/2400/4800/9600; Data bits — 8; Connector - DIN 5 - pin						
Battery (optional)	Built-in nickel cadmium battery; 12 hour run time; 24 hour charge time						
Pan Size	Ø5.5 in	7 x 6.2 in	Ø4.6 in	6.6 x 5.5 in	7 x 6.2 in		
Dimensions (W x D x H)	9.2 x 7.1 x 2.9 in	10.4 in x 7.5 in x 3.4 in	9.2 x 7.1 x 6.6 in <sup>*</sup>	9.2 x 7.1 x 2.9 in	10.1 x 7.5 x 3.4 in		
Approvals	--	--	--	--	--	--	--
Warranty	Five-year limited warranty						

<sup>\*</sup>Weighing chamber

SALES AND TECHNICAL ASSISTANCE

**RICE LAKE**  
WEIGHING SYSTEMS

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