

TP Series

Tuning Fork Precision Balance

Capacity: 220g-12,000g Readability: 0.001g-0.1g



STANDARD FEATURES

- External weight calibration
- Large 16.5 mm high 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 (230VAC optional)
- One part in 620,000 resolution
- RS-232 bidirectional

Optional Features

- Rechargeable battery
- NTEP models

SPECIFICATIONS

	TP-220 [^]	TP-420NT [^]	TP-820	TP-3200	TP-4200NT	TP-8200	TP-12K	
Part#	107244	-	107245	107246	-	107247	107248	
List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult	
NTEP	-	108155	-	-	108154	-	-	
	-	Consult	-	-	Consult	-	-	
Capacity (g)	220	420	820	3200	4200	8200	12000	
Resolution (g)	0.001	0.001	0.01	0.01	0.01	0.1	0.1	
Operating Modes	Counting, Percentage, Limit Function (checkweighing)							
Repeatability	1 division							
Linearity	1 division							
Operating Temperature	5 to 35 degrees C (41 to 95 degrees F)							
Pan size	4.6in		6.6in x 5.5in		7in x 6.2in			
Dimensions	235 x 182 x 170 mm (including windshield) (9.2in x 7.1in x 6.6in)		235 x 182 x 75 mm (9.2in x 7.1in x 2.9in)		265 x 192 x 87 mm (10.1in x 7.5in x 3.4in)			
RS-232 Specifications	Baud rate - 1200/2400/2800/9600; Data bits - 8, Connector - DIN 5pin							
Est. Ship Weight	1.3kg (2.9lb)			2.8kg (6.2lb)				
Calibration Weight (g)	200	400	800	3000	4000	8000	12000	
Power	120VAC adapter							
Battery Option	Nickel Cadmium battery, 32-hour run time, 12 hour charge time							
Approvals		NTEP CC 09-002, Class II e=0.01			NTEP CC 09-002, Class II e=0.1			
Warranty	Five years limited warranty							
UNIT OF MEASURE	Decimal ounce (oz)	7.7 x 0.00005	14 x 0.001	28 x 0.0005	110. x 0.0005	140 x 0.01	280 x 0.005	420 X 0.005
	Decimal pound (lb)	0.48 x 0.00001	0.92 x 0.00001	1.8 x 0.00005	7.0 x 0.00005	9.2 x 0.0001	18 x 0.0005	26 x 0.0005
	Troy ounce (ozt)	7 x 0.00005	16 x 0.0001	26 x 0.0005	100 x 0.0005	130 x 0.001	260 x 0.005	380 x 0.005
	*Pennyweight (dwt)	140 x 0.001		520 x 0.01	2000 x 0.01		5200 x 0.1	7700 x 0.1
	Carat (ct)	1100 x 0.01	2100 x 0.01	4100 x 0.05	160000 x 0.05	21000 x 0.1	41000 x 0.5	60000 x 0.5
	Momme (mm)	58 x 0.0005		210 x 0.005	850 x 0.01		2100 x .05	3200 x 0.05
	Grain Unit (GN)	3300 x 0.02	6400 x 0.02	12000 x 0.2	48000 x 0.2	64000 x 0.2	120000 x 2	180000 x 2
	ti	5.8 x 0.00005		21 x 0.0005	85 x 0.001		210 x 0.005	320 x 0.005
	to	18 x 0.0001		70 x 0.001	270 x 0.001		700 x 0.01	1000 x 0.01

[^]Weighing Chamber

*Pennyweight is not an NTEP supported unit of measurement

TP Series (cont.)

Tuning Fork Precision Balance

PART #	MODEL #	DESCRIPTION	PRICE
107244	TP-220	220 g x 0.001 g	Consult
108155	TP-420NT	420 g x 0.001 g	Consult
107245	TP-820	820 g x 0.01 g	Consult
107246	TP-3200	3200 g x 0.01 g	Consult
108154	TP-4200NT	4200 g x 0.01 g	Consult
107247	TP-8200	8200 g x 0.1 g	Consult
107248	TP-12K	12000 g x 0.1 g	Consult

Options/Accessories

PART #	DESCRIPTION	PRICE
107249	Rechargeable battery - TP-220, TP-820	Consult
107237	Rechargeable battery - TP-3200, TP-8200, TP-12 k	Consult
107250	In-use dust cover, 2200 g to 12 kg	Consult
107240	In-use dust cover, 220 g to 1200 g	Consult
42566	115V AC adapter	Consult
42168	230V AC adapter	Consult
107251	Additional operating manual	Consult
75351	WinWedge Tal Software	Consult
115303	5 Pin to 9 Pin RS-232 cable	Consult
109236	Underweigh hook, TP-220, TP-820	Consult
109292	Underweigh hook, TP-3200 - TP-12 k	Consult