



APPROVALS



STANDARD FEATURES

- External weight calibration
- Large 16.5 mm high LCD (Liquid Crystal Backlit Display)
- 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
- 115VAC adaptor included (230VAC optional)
- One part in 620,000 resolution
- RS-232 bidirectional
- Plastic housing on models < 1000g, plastic top and die cast bottom on models > 1000g

OPTIONAL FEATURES

- Rechargeable battery
- NTEP Certified models

SPECIFICATIONS

NTEP

	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
Part#	-	108155	-	-	108154	-	-
List Price	-	Consult	-	-	Consult	-	-
Capacity	220 g	420 g	820 g	3200 g	4200 g	8200 g	12000 g
Resolution	0.001 g	0.001 g	0.01 g	0.01 g	0.01 g	0.1 g	0.1 g
Operating Modes	Counting, Percentage, Limit Function (checkweighing)						
Repeatability	1 division						
Linearity	1 division						
Operating Temperature	41°F to 95°F (5°C to 35°C)						
Pan size	Ø 4.6 in (116.8 mm)		6.6 in x 5.5 in (167.6 x 139.7 mm)		7 in x 6.2 in (177.8 x 157.5 mm)		
Dimensions	9.2 x 7.1 x 6.6 in (including windshield) (235 x 182 x 170 mm)		9.2 x 7.1 x 2.9 in (235 x 182 x 75 mm)		10.1 x 7.5 x 3.4 in (265 x 192 x 87 mm)		
RS-232 Specifications	Baud rate - 1200/2400/2800/9600; Data bits - 8, Connector - DIN 5-Pin						
Est. Ship Weight	2.9 lb (1.3kg)			6.2 lb (2.8kg)			
Calibration Weight	200 g	400 g	800 g	3000 g	4000 g	8000 g	12000 g
Power	120VAC adapter						
Battery Option	Nickel Cadmium battery, 12-hour run time, 24 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						
Return Policy	Rice Lake Standard Policy						
Decimal ounce	7.7 x 0.00005 oz	14 x 0.001 oz	28 x 0.0005 oz	110. x 0.0005 oz	140 x 0.01 oz	280 x 0.005 oz	420 X 0.005 oz
Decimal pound	0.48 x 0.00001 lb	0.92 x 0.00001 lb	1.8 x 0.00005 lb	7.0 x 0.00005 lb	9.2 x 0.0001 lb	18 x 0.0005 lb	26 x 0.0005 lb
Troy ounce	7 x 0.00005 ozt	16 x 0.0001 ozt	26 x 0.0005 ozt	100 x 0.0005 ozt	130 x 0.001 ozt	260 x 0.005 ozt	380 x 0.005 ozt
*Pennyweight	140 x 0.001 dwt		520 x 0.01 dwt	2000 x 0.01 dwt		5200 x 0.1 dwt	7700 x 0.1 dwt
Carat	1100 x 0.01 ct	2100 x 0.01 ct	4100 x 0.05 ct	160000 x 0.05 ct	21000 x 0.1 ct	41000 x 0.5 ct	60000 x 0.5 ct
Momme	58 x 0.0005 mm		210 x 0.005 mm	850 x 0.01 mm		2100 x .05 mm	3200 x 0.05 mm
Grain Unit	3300 x 0.02 GN	6400 x 0.02 GN	12000 x 0.2 GN	48000 x 0.2 GN	64000 x 0.2 GN	120000 x 2 GN	180000 x 2 GN
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
grams	0.03 g	0.03 g	0.03 g	0.3 g	0.3 g	3 g	3 g

UNIT OF MEASURE

[^]Weighing Chamber

*Pennyweight is not an NTEP supported unit of measurement

TP Series Tuning Fork Precision Balance**PART NUMBER/PRICE**

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 to 12 kg	Consult
107240	In-use dust cover, 220 to 1200 g	Consult
42566	115VAC adapter	Consult
42168	230VAC adapter	Consult
107251	Additional operating manual	Consult
75351	WinWedge Tal software	Consult
115303	5-Pin to 9-Pin DB female RS-232 cable	Consult
109236	Underweigh hook, TP-220, TP-820	Consult
109292	Underweigh hook, TP-3200-TP-12 k	Consult
158056	Prove statistical printer (requires cable)	Consult
158583	Cable, RJ11 to 5-Pin DIN	Consult