DENVER
INSTRUMENT

Pinnacle NTEP Series
Precision Analytical and Toploading Balances

Pinnacle NTEP Balances
Premium performance and multiple features in an easy-to-use balance.

Approved by the National Type Evaluation Program (NTEP) these balances are certified as Legal-for-Trade.

Internal Calibration. No external weights are needed. Press the calibration key and the calibration is completed with precision, internal weights. This function saves time in addition to increasing the accuracy and reliability of the readings.

Large, Powerful Display. The Pinnacle Series balances feature an extra-large, back-lit display that has 0.7" high numerals. The display shows time, date and current status of the balance. A bar graph shows your currently used capacity.

Easy Navigation. Changing the operating parameters of the balance is simple. Press the menu key to display the the current settings on the screen. Using the navigational arrows, simply highlight the desired function and press enter.

Built-in Statistics. Store up to 250 results in the data log. At the touch of a key, retrieve statistical information: number of samples, total weight, average weight, minimum weight, maximum weight, and standard deviation.

Multiple Communication Ports. Print data or send commands remotely to the balance via the bi-directional RS-232 port. USB port comes with free interface software, or use the Ethernet connection to view your balance anywhere on your network.

Programmable Environmental Settings. Adjustable environmental settings provide superior performance in difficult production environments or stable laboratory conditions, alike.

Sturdy Construction. The Pinnacle Series has a rugged die-cast aluminum base that supports a durable stainless-steel weighing pan. Other features include easy-to-see leveling bubble, chemically-resistant keypad sealed for protection against spills and a weigh-below port (requires optional weigh-below device).

Model	PI-114N	PI-203N	PI-403N	PI-402N	PI-602N	PI-2002N	PI-4002N	PI-6001N
Capacity	100g	200g	400g	400g	600g	2000g	4000g	6000g
Readability	0.1mg	0.001g	0.001g	0.01g	0.01g	0.01g	0.01g	0.1g
Zero Range	0 to 110g	0 to 200g	0 to 400g	0 to 400g	0 to 600g	0 to 2000g	0 to 4000g	0 to 6000g
Repeatability, (s)	0.1mg	0.001g	0.001g	0.01g	0.01g	0.01g	0.01g	0.1g
Linearity	0.2mg	0.002g	0.002g	0.02g	0.02g	0.02g	0.02g	0.2g
Pan Size	3.1" dia. (79mm)	4.5" dia. (114mm)	4.5" dia. (114mm)	4.5" dia. (114mm)	4.5" dia. (114mm)	7.0 x 7.0" (178 x 178mm)	7.0 x 7.0" (178 x 178mm)	7.0 x 7.0" (178 x 178mm)

Common Specifications

Stabilization Time (Average):	3 seconds
Dimensions (LxWxH) Analyticals:	14.6 x 9.4 x 13.3" (371 x 239 x 338mm)
Dimensions (LxWxH) Toploaders:	14.6 x 9.4 x 3.8" (371 x 239 x 97mm)
Internal Analytical Chamber Dimensions:	6.3 x 6.4 x 9.1" (159 x 163 x 230mm)
Height Above Pan: 8.5" (277mm)	
Operating Temperature:	20° - 35°C (68° - 95°F)
Humidity:	< 90% RH
Net Weight (Analyticals):	15 lbs (6.80kg)
Net Weight (Toploaders):	10 lbs (4.54kg)
Electrical Requirements:	115V at 100mA, Center Pin (-), Adapter Included

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Precision laboratory instruments since 1880

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