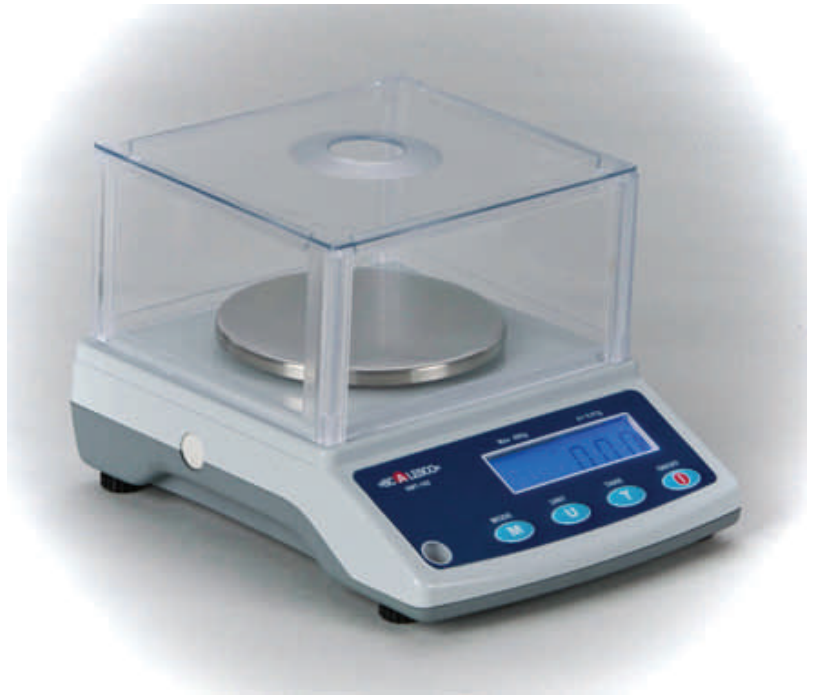


# Model SMT-182 Economical Precision Balance

## Product Details

Part #	182-300	182-600	182-010
Price	\$215.00	\$255.00	\$325.00
Capacity	300 grams	600 grams	1000 grams
Resolution	0.01 g	0.01 g	0.01 g
Accuracy / Linearity	+/- 0.01 g	+/- 0.01 g	+/- 0.02 g
Divisions	30,000	60,000	100,000
Calibration Weight (Included)	100 gram	200 gram	
Weight Platter Dimensions	4.5"		
Units of Measure	grams, ounce, grains, troy ounce, pennyweight, carats, tola		
Operating Temp	50° - 95° F (10° - 35° C)		



SMT-182 with included 3.25"H draft shield



Standard RS-232 Interface for transmitting weight, piece count or %

The SMT-182 precision balances series offers a wide range of use and applications for determining the weight of liquids, powders, and light weight items that require accurate weighing. A cost effective, durable balance for use in industrial, postal, laboratory, research, educational industries. Provides standard weighing plus a simple counting and percentage weighing application. Top cover access to the 3.25" H draft shield.

## Product Specifications

<b>Display :</b>	0.5" H digits with blue back light display
<b>Construction:</b>	Plastic housing, stainless steel weigh platter, clear plastic draft shield
<b>Operator Keys:</b>	On/Off, Tare, Mode, Unit
<b>Interface:</b>	RS-232C Interface, 9 pin DB-9 connector
<b>Power:</b>	120 V AC Wall mount adapter with 5 foot cord, 4 "C" batteries (not included)
<b>Battery Life:</b>	15 hours of use with low battery indication
<b>Type Approval:</b>	For use in non-trade applications
<b>Approvals / Certifications:</b>	FCC compliance, UL/CUL AC adapter
<b>Package Contents:</b>	Scale, AC adapter, Draft Shield, Calibration Weight
<b>Scalesco Warranty Policy:</b>	1 year from date of shipment

## Scalesco Measurement Technology Inc.

1200 Indus Street Suite A, Fairmont MN 56031  
 (Toll Free) 866-587-9773 (Phone) 507-238-9773 (Fax) 507-238-5447  
 (Web-site) <http://www.scales-co.com> (E-mail) [sales@scales-co.com](mailto:sales@scales-co.com)

# Model SMT-182 Economical Precision Balance

## Product Information

Part #	182-300	182-600	182-010
Product Dimensions	8.75" D x 6.75" W x 2.375" H (5.625" H w/draft shield)		
Package Dimensions	11.75" x 11.50" x 6.75"		
Product Weight	1.60 lbs		
Ship Weight	4 lb	4 lb	4 lb
Recommended Test Weight	200 grams	300 grams	500 grams

## Options and Accessories

Part Number	Description
S262-001	Wall mount AC adapter
S100-001	6ft RS-232 cable (pass-thru)
S262-002	Draft Shield
100-050	50 Gram Class F2 test weight
100-100	100 Gram Class F2 test weight
100-200	200 Gram Class F2 test weight
100-500	500 Gram Class F2 test weight
100-001	1000 Gram Class F2 test weight

## Product Features and Functions

<b>RS-232 Output</b>	Transmits "weight", "pieces" or "%". Selectable settings; Off, transmit at stable weight or continuous output. Selectable baud rate from 1200-19,200.
<b>Selectable Units of Measure</b>	Choose to turn on or off the available units of measure from the front keypad to meet your application needs.
<b>% Weighing Mode</b>	Convert weight into % 0.01% increments using two methods: Keyboard input of %, auto calculation from weight applied on scale from 10-100%.
<b>Counting Mode</b>	Simple 3 button functionality. Preset sample sizes of 10, 20, 50, 100, 200, 500, 1000 and keyboard entry of sample size. Provides 99.9% accuracy using 0.2% - 0.5% of scale capacity as sample weight.
<b>Back light LCD Display</b>	0.5" back light LCD display provides visibility for both indoor (On) and outdoor (Off) use.
<b>Standard Calibration</b>	Standard calibration uses the weight included to simply and quickly perform scheduled calibrations.
<b>Linear Calibration</b>	Linear calibration allows you to fine tune the weight accuracy with the use of additional weights. Choose to perform up-to 4 weight points of linear calibration for maximum performance.
<b>Draft Shield</b>	3.25" high, easy to install draft shield for use to reduce air currents, increase accuracy and stabilization time. Provides access to the weight platter by removing the top cover.
<b>Adjustable Feet and Level Bubble</b>	Allows you to adjust scale on uneven surfaces to provide best weighing performance
<b>Tare Range</b>	Up to 100% of max. capacity, subtractive (subtract tare weight from max capacity = new max capacity)
<b>Weight Response</b>	Stable weight reading within 3 seconds.
<b>Selectable Auto Shutdown</b>	To increase battery life configure unit to power off after Off, 1, 3, 5 and 10 minutes of no use.

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