

ORION™ SERIES

ONE DIGITAL SCALES.com

Your First Choice
for Industrial, Home and Specialty Scales

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An Exceptional Combination of Remarkable Features at Affordable Prices



0.01 mg

• 0.01mg Semi-Micro Resolution



• User Friendly Operation

888 LCD

• Liquid Crystal Display

RS-232C

• RS-232C Bi-directional Interface

WinCT

• Windows Communication Tools Software

GLP

• GLP/GMP/GCP/ISO Compliance

ID

• Balance ID Number

AAA

• Automatic Counting Accuracy Improvement

ON

• Auto Power On Function



• Bluetooth® Interface (optional)



• Underhook Capability

Orion Series Specifications

Capacity / Resolution		HR-60	HR-120	HR-200	HR-300i	HR-202i
Gram	(g)	60x0.0001	120x0.0001	210x0.0001	320x0.0001	220x0.0001 / 51x0.00001
	(mg)	60,000x0.1	120,000x0.1	210,000x0.1	320,000x0.1	220,000x0.1 / 51,000x0.01
Decimal Ounce	(oz)	2.1x0.000005	4.2x0.000005	7.4x0.000005	10x0.00001	7.4x0.00001 / 1.4x0.000001
Troy Ounce	(ozt)	1.9x0.000005	3.8x0.000005	6.7x0.000005	9.9x0.00001	6.7x0.00001 / 1.3x0.000001
Pennyweight	(dwt)	38x0.0001	77x0.0001	135x0.0001	199x0.0001	135x0.0001 / 27x0.00001
Carat	(ct)	300x0.001	600x0.001	1050x0.001	1550x0.001	1050x0.001 / 210x0.0001
Momme	(mom)	16x0.00005	32x0.00005	56x0.00005	82x0.0001	56x0.0001 / 11x0.00001
Grain Unit	(GN)	925x0.002	1851x0.002	3240x0.002	4784x0.002	3240x0.002 / 648x0.0002
Tola	(t)	5x0.00001	10x0.00001	18x0.00001	26x0.00001	18x0.00001 / 36x0.000001
Tael	(TL)	1.5x0.000005	3.1x0.000005	5.5x0.000005	8.2x0.00001	5.5x0.00001 / 1.1x0.000001
Percentage Min Div		0.01%, 0.1% or 1% (auto prompt)				
Counting Min Weight		0.1 mg				
Linearity		±0.0002 g			±0.0003 mg	±0.0002 / ±0.00003 g
Repeatability / Std Dev		0.0001 g			0.0002 mg	0.0001 / 0.00002 g
Stabilization Time		3 seconds (typically)			Approx. 3.5 seconds	Approx. 3.5 / 8 seconds
Sensitivity Drift		±2ppm / °C (when automatic self calibration is not used)				
Display Refresh		5 times per second / 10 times per second				
Pan Size		Ø 85 mm / 3.3 inches			Ø 90 mm / 3.6 inches	
Physical Dimensions	(mm)	213(W) x 319(D) x 301(H)			217(W) x 442(D) x 316(H)	
	(in)	8.4(W) x 12.6(D) x 11.9(H)			8.54(W) x 17.4(D) x 12.24(H)	
Breeze Break Dimensions	(mm)	180(W) x 192(D) x 200 (H)			164(W) x 148.5(D) x 251(H)	
	(in)	7.1(W) x 7.5(D) x 7.9(H)			6.45(W) x 5.84(D) x 9.88(H)	
Operating Temperature		5°C to 40°C (41 °F to 104 °F), 85% RH or less (no condensation)				
Weight		Approximately 5.7 kg / 12.5 lb			Approximately 8.0 kg / 17.6 lb	
Power		100, 120, 220, 240 VAC (AC Adaptor) 50 Hz / 60 Hz 10 hours continuous operation with rechargeable battery pack			100, 120, 220, 240 VAC (AC Adapter) 50 Hz / 60 Hz, 11 VA	
Standard Accessories		Manual, AC Adaptor, Protective Cover			WinCT in CD-ROM, Manual, AC Adapter	
Ext. Cal. Mass (optional)		50 g	100 g	200 g	300 g / 200 g / 100 g	200 g / 100 g / 50 g / 20 g