

## 5.8 Specifications

### Analyticals

Capacity (g)	62	110	210	100/210 *
Readability (mg)	0.1			0.1/1
Weighing modes	g, mg, oz, oz t, ct, dwt, tael (3), mommes, gn, ti, N, custom unit			
Functions	Parts counting, differential weighing, quick check, statistics, formulation, filling, animal weighing, percent formulation, check weighing, density determination, SQC & pipette calibration.			
Performance enhancing features	Program-Link™. GLP protocol, contrast and brightness control, custom menu, pop-up windows, application library, go-back key, help text			
Repeatability (Std. dev.) (mg)	0.1			0.1/0.5
Linearity (mg) (±)	0.2			0.2/0.5
Tare range	Full capacity by subtraction			
Safe overload capacity	150% of capacity			
Stabilization time	≤4 seconds			
Sensitivity drift PPM/°C (10°C - 30°C)	3			
Operating temperature range: w/internal calibration	10° to 40°C/ 50° to 104°F			
w/o internal calibration	10° to 30°C/50° to 86°F			
Calibration	Auto calibration			
Power requirements	External Adapter, 100 -120 V ac, 220 - 240 V ac, 50/60 Hz Plug configuration for US, Euro, UK, Japan & Australia			
Draft shield (in/cm) (free height above platform)	10.2/25.9			
Display (in/cm)	0.6/1.5			
Pan size (in/cm)	3.5/9. diameter			
Dimensions (WxHxD) (in/cm)	9 x 15.25 x14/22.8 x 38.7 x 35.5			

### Precision Top Loaders

Capacity (g)	210	410	100/410*	610	2100	4100	1000/4100*	4100	6100	8100
Readability (g)	0.001		0.001/0.01	0.01			0.01/0.1	0.1		
Weighing modes	g, mg, kg, lbs, oz, oz t, ct, dwt, tael (3), mommes, gn, ti, N, custom unit									
Functions	Parts counting, differential weighing, quick check, statistics, formulation, filling, animal weighing, percent formulation, check weighing, density determination, SQC & pipette calibration.									
Performance enhancing features	Program-Link™. GLP protocol, contrast and brightness control, custom menu, pop-up windows, application library, go-back key, help text									
Repeatability (Std. dev.) (g)	0.0005	0.0005/0.005		0.005			0.01/0.05	0.05		
Linearity (g) (±)	0.002	0.002/0.005		0.02			0.02/0.05	0.1		
Tare range	Full capacity by subtraction									
Stabilization time	≤3 seconds									
Sensitivity drift PPM/°C (10°C - 30°C)	4	3	4	3	4	3	4	3		
Operating temperature range: w/internal calibration	10° to 40°C/50° to 104°F									
w/o internal calibration	10° to 30°C/50° to 86°F									
Calibration	Auto-calibration									
Power requirements	External Adapter, 100 -120 V ac, 220 - 240 V ac, 50/60 Hz Plug configuration for US, Euro, UK, Japan & Australia									
Draft shield (in/cm) (free height above platform)	10.2/25.9									
Display (in/cm)	0.6/1.5									
Pan size (in/cm)	4.7/12 Dia.			6.8 x 6.8/17.2 x 17.2 w/windshield				8 x 8/ 20.3 x 20.3		
Dimensions (WxHxD) (in/cm)	9 x 15.25 x14/22.8 x 38.7 x 35.5				8.25 x 4 x 14/23.4 x 10.1 x 35.5					

\* Moveable FineRange™

**NOTE:** Not all weighing modes apply depending upon capacity and resolution of the balance.