

Quintix® – Technical Specifications

Semi-micro balances

Model	Weighing capacity	Readability	Repeatability, typical	Stabilization time, typical	Weighing pan size	Weighing chamber height*	Dimensions (W × D × H)	Weighing system	Calibration and adjustment	
	[g]	[mg]	[mg]	[s]	[mm]	[mm]	[mm]		Internal	External
QUINTIX35-1x	30	0,01	0,03	≤ 4,0	Ø 80	218	218 × 376 × 316	EMC	isoCAL	■
QUINTIX65-1x	60	0,01	0,03	≤ 4,0	Ø 80	218	218 × 376 × 316	EMC	isoCAL	■
QUINTIX125D-1x	60 120	0.01 0.1	0.03 0.07	≤ 4.0 1.5	Ø 80	218	218 × 376 × 316	EMC	isoCAL	■

Analytical balances

Model	Weighing capacity	Readability	Repeatability, typical	Stabilization time, typical	Weighing pan size	Weighing chamber height*	Dimensions (W × D × H)	Weighing system	Calibration and adjustment	
	[g]	[mg]	[mg]	[s]	[mm]	[mm]	[mm]		Internal	External
QUINTIX64-1x	60	0.1	0.1	≤ 1.5	Ø 90	209	218 × 359 × 319	EMC	isoCAL	■
QUINTIX124-1x	120	0.1	0.1	≤ 1.5	Ø 90	209	218 × 359 × 319	EMC	isoCAL	■
QUINTIX224-1x	220	0.1	0.1	≤ 1.5	Ø 90	209	218 × 359 × 319	EMC	isoCAL	■

Milligram balances

Model	Weighing capacity	Readability	Repeatability, typical	Stabilization time, typical	Weighing pan size	Weighing chamber height*	Dimensions (W × D × H)	Weighing system	Calibration and adjustment	
	[g]	[mg]	[mg]	[s]	[mm]	[mm]	[mm]		Internal	External
QUINTIX213-1x	210	1	1	≤ 1.0	Ø 120	209	218 × 359 × 319	EMC	isoCAL	■
QUINTIX313-1x	310	1	1	≤ 1.0	Ø 120	209	218 × 359 × 319	EMC	isoCAL	■
QUINTIX513-1x	510	1	1	≤ 1.0	Ø 120	209	218 × 359 × 319	EMC	isoCAL	■
QUINTIX613-1x	610	1	1	≤ 1.0	Ø 120	209	218 × 359 × 319	EMC	isoCAL	■

Precision balances

Model	Weighing capacity	Readability	Repeatability, typical	Stabilization time, typical	Weighing pan size	Weighing chamber height*	Dimensions (W × D × H)	Weighing system	Calibration and adjustment	
	[g]	[mg]	[mg]	[s]	[mm]	[mm]	[mm]		Internal	External
QUINTIX412-1x	410	10	10	≤ 0.9	Ø 180	–	218 × 359 × 88	Strain gauge	isoCAL	■
QUINTIX612-1x	610	10	10	≤ 0.9	Ø 180	–	218 × 359 × 94	EMC	isoCAL	■
QUINTIX612-1x	610	10	10	≤ 0.9	Ø 180	–	218 × 359 × 88	Strain gauge	isoCAL	■
QUINTIX1102-1x	1,100	10	10	≤ 0.9	Ø 180	–	218 × 359 × 94	EMC	isoCAL	■
QUINTIX1102-1x	1,100	10	10	≤ 0.9	Ø 180	–	218 × 359 × 88	Strain gauge	isoCAL	■
QUINTIX2102-1x	2,100	10	10	≤ 0.9	Ø 180	–	218 × 359 × 94	EMC	isoCAL	■
QUINTIX2102-1x	2,100	10	10	≤ 0.9	Ø 180	–	218 × 359 × 88	Strain gauge	isoCAL	■
QUINTIX3102-1x	3,100	10	10	≤ 0.9	Ø 180	–	218 × 359 × 94	EMC	isoCAL	■
QUINTIX5102-1x	5,100	10	10	≤ 0.9	Ø 180	–	218 × 359 × 94	EMC	isoCAL	■
QUINTIX6102-1x	6,100	10	10	≤ 0.9	Ø 180	–	218 × 359 × 94	EMC	isoCAL	■
QUINTIX2101-1x	2,100	100	100	≤ 0.9	Ø 180	–	218 × 359 × 88	Strain gauge	isoCAL	■
QUINTIX5101-1x	5,100	100	100	≤ 0.9	Ø 180	–	218 × 359 × 88	Strain gauge	isoCAL	■
QUINTIX6101-1x	6,100	100	100	≤ 0.9	Ø 180	–	218 × 359 × 88	Strain gauge	isoCAL	■
QUINTIX5100-1x	5,100	1,000	1,000	≤ 0.9	Ø 180	–	218 × 359 × 88	Strain gauge	isoCAL	■
QUINTIX6100-1x	6,100	1,000	1,000	≤ 0.9	Ø 180	–	218 × 359 × 88	Strain gauge	isoCAL	■

* upper edge of the weighing pan to the lower edge of the upper draft shield panel
x = term for country-specific models



Secura® – Technical Specifications

Micro balances

Model	Weighing capacity	Readability	Repeatability, typical	Stabilization time, typical	Weighing pan size	Weighing chamber height*	Dimensions (W × D × H)	Weighing system	Calibration and adjustment	
	[g]	[mg]	[mg]	[s]	[mm]	[mm]	[mm]		Internal	External
SECURA26-1x	21	0.002	0.004	≤ 6.0	Ø 50	218	218 × 376 × 316	EMC	isoCAL	■

Semi-micro balances

Model	Weighing capacity	Readability	Repeatability, typical	Stabilization time, typical	Weighing pan size	Weighing chamber height*	Dimensions (W × D × H)	Weighing system	Calibration and adjustment	
	[g]	[mg]	[mg]	[s]	[mm]	[mm]	[mm]		Internal	External
SECURA125-1x	120	0.01	0.03	≤ 4.0	Ø 80	218	218 × 376 × 316	EMC	isoCAL	■
SECURA225D-1x	120 220	0.01 0.1	0.03 0.07	≤ 4.0 1.5	Ø 80	218	218 × 376 × 316	EMC	isoCAL	■

Analytical balances

Model	Weighing capacity	Readability	Repeatability, typical	Stabilization time, typical	Weighing pan size	Weighing chamber height*	Dimensions (W × D × H)	Weighing system	Calibration and adjustment	
	[g]	[mg]	[mg]	[s]	[mm]	[mm]	[mm]		Internal	External
SECURA124-1x	120	0.1	0.1	≤ 1.5	Ø 90	209	218 × 359 × 319	EMC	isoCAL	■
SECURA224-1x	220	0.1	0.1	≤ 1.5	Ø 90	209	218 × 359 × 319	EMC	isoCAL	■
SECURA324-1x	320	0.1	0.1	≤ 1.5	Ø 90	218	218 × 376 × 316	EMC	isoCAL	■

Milligram balances

Model	Weighing capacity	Readability	Repeatability, typical	Stabilization time, typical	Weighing pan size	Weighing chamber height*	Dimensions (W × D × H)	Weighing system	Calibration and adjustment	
	[g]	[mg]	[mg]	[s]	[mm]	[mm]	[mm]		Internal	External
SECURA213-1x	210	1	1	≤ 1.0	Ø 120	209	218 × 359 × 319	EMC	isoCAL	■
SECURA313-1x	310	1	1	≤ 1.0	Ø 120	209	218 × 359 × 319	EMC	isoCAL	■
SECURA513-1x	510	1	1	≤ 1.0	Ø 120	209	218 × 359 × 319	EMC	isoCAL	■
SECURA613-1x	610	1	1	≤ 1.0	Ø 120	209	218 × 359 × 319	EMC	isoCAL	■
SECURA1103-1x	1,100	1	1	≤ 1.0	Ø 120	209	218 × 359 × 319	EMC	isoCAL	■

Precision balances

Model	Weighing capacity	Readability	Repeatability, typical	Stabilization time, typical	Weighing pan size	Weighing chamber height*	Dimensions (W × D × H)	Weighing system	Calibration and adjustment	
	[g]	[mg]	[mg]	[s]	[mm]	[mm]	[mm]		Internal	External
SECURA612-1x	610	10	10	≤ 0.9	Ø 180	-	218 × 359 × 94	EMC	isoCAL	■
SECURA1102-1x	1,100	10	10	≤ 0.9	Ø 180	-	218 × 359 × 94	EMC	isoCAL	■
SECURA2102-1x	2,100	10	10	≤ 0.9	Ø 180	-	218 × 359 × 94	EMC	isoCAL	■
SECURA3102-1x	3,100	10	10	≤ 0.9	Ø 180	-	218 × 359 × 94	EMC	isoCAL	■
SECURA5102-1x	5,100	10	10	≤ 0.9	Ø 180	-	218 × 359 × 94	EMC	isoCAL	■
SECURA6102-1x	6,100	10	10	≤ 0.9	Ø 180	-	218 × 359 × 94	EMC	isoCAL	■
SECURA3101-1x	3,100	100	50	≤ 0.9	Ø 180	-	218 × 359 × 94	EMC	isoCAL	■
SECURA6101-1x	6,100	100	50	≤ 0.9	Ø 180	-	218 × 359 × 94	EMC	isoCAL	■

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 x = term for country-specific models

