

Rice Lake QB Series Balances



QB-620E



Standard Features

- Pan size: 5.5" (140 mm) diameter (QB-150E, QB-300E, QB-600, QB-620E)
7.5" x 7.5" (190 x 190 mm) (QB1500E, QB-3000E, QB-3000S, QB-6200E, QB-6000E, QB-12KE)
- Automatic zero tracking
- Large 0.5" (12.5 mm) six-digit Liquid Crystal Display (LCD)
- 12 units of measure
- Counting & checkweighing mode
- Double ended tuning fork load sensor eliminates warm-up time
- In-use cover
- 115 VAC adapter included or 230 VAC adapter optional, 50/60 Hz
- 5-year limited warranty

Rice Lake

Specifications

OVERALL DIMENSIONS:

8.1" W x 12.2" D (208 mm x 310 mm)

SCALE TARE RANGE:

1.5% to full scale

DISPLAY REFRESH:

Five-level selectable

ADMISSABLE RH%:

80% (max.)

AMBIENT TEMPERATURE:

32°F to 104°F (0°C to 40°C)

SEMI-AUTOMATIC CALIBRATION:

External calibration with reference weight

REPEATABILITY/STD. DEV:

QB-150E, QB-300E, QB-620E: ± 0.01 g

QB-600E: ± 0.02 g

QB-3000S: ± 0.04 g

QB-1500E, QB-3000E, QB-6200E, QB-6000E, QB-12KE: ± 0.1 g

LINEARITY:

QB-150E, QB-300E, QB-620E: ±0.01 g

QB-600E: ± 0.02 g

QB-3000S: ± 0.06 g

QB-1500E, QB-3000E, QB-6200E, QB-6000E, QB-12KE: ± 0.1 g

SENSITIVITY DRIFT (PPM/°C/SPAN):

QB-3000S: ± 5

QB-6000E, QB-12KE: ± 8

QB-150E, QB-300E, QB-600E,

QB-1500E, QB-3000E: ± 10

% OF MINIMUM DIVISION:

QB-150E, QB1500E: 0.025

QB-300E, QB-600E, QB-3000E: 0.05

QB-620E, QB-6200E: 0.1

QB-3000S, QB-6000E, QB-12KE: 0.25

CALIBRATION MASS (RECOMMENDED ASTM CLASS 6):

QB-150E: 150 g

QB-300E: 300 g

QB-600E: 600 g

QB-620E: 620 g

QB-1500E: 1500 g

QB-3000E, QB-3000S: 3000 g

QB-6200E: 6200 g

QB-6000E: 6000 g

QB-12KE: 12000 g

QB Series Capacities

	QB-150E	QB-300E	QB-600E	QB620E	QB1500E	QB-3000E	QB-3000S	QB-6200E	QB-6000E	QB-12KE
g	150 x 0.01	300 x 0.01	600 x 0.02	620 x 0.01	1500 x 0.1	3000 x 0.1	3000 x 0.01	6200 x 0.1	6000 x 0.2	12,000 x 1
kg	0.15 x 0.00001	0.3 x 0.00001	0.6 x 0.00002	0.62 x 0.00001	1.5 x 0.0001	3 x 0.0001	3 x 0.00001	6.2 x 0.0001	6 x 0.0002	12 x 0.001
ct	750 x 0.05	1500 x 0.05	3000 x 0.1	3100 x 0.05	7500 x 0.5	15,000 x 0.5	15,000 x 0.05*	31,000 x 0.5	3000 x 1	6000 x 5
oz	5.2 x 0.0005	10 x 0.0005	21 x 0.0005	21 x 0.0005	52 x 0.005	100 x 0.005	100 x 0.005**	210 x 0.005	210 x 0.005	420 x 0.05
lb	0.33 x 0.00002	0.66 x 0.00002	1.3 x 0.00005	1.3 x 0.00002	3.3 x 0.0002	6.6 x 0.0002	6.6 x 0.00002	13 x 0.0002	13 x 0.0005	26 x 0.002
ozt	4.8 x 0.0005	9.6 x 0.0005	19 x 0.0005	19 x 0.0005	48 x 0.005	96 x 0.005	96 x 0.0005	190 x 0.005	190 x 0.0005	380 x 0.05
dwt	96 x 0.005	190 x 0.005	380 x 0.01	390 x 0.005	960 x 0.05	1900 x 0.05	1900 x 0.005***	3900 x 0.05	3800 x 0.1	380 x 0.05
gn	2300 x 0.2	4600 x 0.2	9200 x 0.5	9500 x 0.2	23,000 x 2	46,000 x 2	46,000 x 0.2	95,000 x 2	92,000 x 5	180,000 x 20
tl (Hong-Kong)	4 x 0.0002	8 x 0.0002	16 x 0.0005	16 x 0.0002	40 x 0.002	80 x 0.002	80 x 0.0002	160 x 0.002	160 x 0.0005	320 x 0.02
tl (Chinese)	3.9 x 0.0002	7.9 x 0.0002	15 x 0.0005	16 x 0.0002	39 x 0.002	79 x 0.002	79 x 0.0002	160 x 0.002	150 x 0.0005	310 x 0.02
tl (Taiwan)	4 x 0.0002	8 x 0.0002	16 x 0.0005	16 x 0.0002	40 x 0.002	80 x 0.002	80 x 0.0002	160 x 0.002	160 x 0.005	320 x 0.02
mom	40 x 0.002	80 x 0.002	160 x 0.005	160 x 0.002	400 x 0.02	800 x 0.02	800 x 0.002	1600 x 0.02	1600 x 0.05	3200 x 0.2

* Readability is 0.1 when the weight value is more than 10,000 ** Readability is 0.001 when the weight value is more than 100

*** Readability is 0.01 when the weight value is more than 1000