

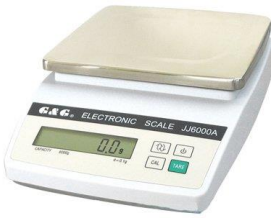




Series:	T	TY	E	EY	JJ	JJ-Y	JJ-A	JJ-B	JJ-BC & JJ-BF	TC-K	TC-KH
											
Short Description and recommended for	Cheap, fast weighing	Cheap, fast weighing (mobile)	Scale for many stationary use cases, also available as a cheap "Basic" version	Scales for a wide range of applications, including mobile. As a cheap "Basic" version or large E-KY available	Classic, reliable precision balance in dark design with bright VFD display	Classic, reliable precision balance in dark design for mobile use cases.	Reliable and robust laboratory balance with underfloor weighing	Reliable and robust laboratory balance with underfloor weighing	Laboratory and analytical balance, force compensation sensor, for the finest dosages and very accurate measurements	Stable bench scale with very large weighing surface (34 cm * 22 cm) for stationary use	Stable bench scale with large weighing surface (34 cm * 22 cm), with power line for stationary and internal battery for mobile use
Available with readout:	Capacity up to:	Capacity up to	Capacity up to	Capacity up to	Capacity up to	Capacity up to	Capacity up to	Capacity up to	Capacity up to	Capacity up to	Capacity up to
0,0001g									120g – 320g		
0,001g				100g-300g				100g-200g	220g – 1520g		
0,005g			150g	150g							
0,01g			300g – 1200g	300g – 3000g	110g – 1000g	110g – 1000g	200g – 1000g	1000g – 3000g	2200g – 3200g		
0,1g	200g – 1000g	200g – 1000g	300g – 1200g	300g – 6000g 3000g – 6000g (E-KY)	2000g – 6000g	2000g – 6000g	2000g – 10kg			3000g – 20kg	3000g – 20kg
0,5g	2000g	2000g	3000g	3000g – 15kg (E-KY)						3000g – 15kg	3000g – 15kg
1g	5000g	5000g	6000g	6000g – 30kg (E-KY)						6000g – 30kg	6000g – 30kg
2g										30kg	30kg
TARE Function	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
COUNT Function	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
Underfloor weigh.	-	-	-	-	-	-	✓	✓	✓	✓	✓
RS232 Interface	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
Calibration function *	External	External	External	External	External	External	External	External	External as JJ-BC, Internal as JJ-BF	External	External
Weighing surface (Smallest / Biggest Version)	Ø 135 mm 160 mm * 190 mm	Ø 135 mm 160 mm * 190 mm	Ø 135 mm 160 mm * 190 mm	Ø 80 mm 220 * 280 mm	Ø 135 mm 160mm * 190mm	Ø 135 mm 160mm * 190mm	Ø 135 mm 160mm * 190mm	Ø 80 mm 160mm * 190mm	Ø 80 mm 160mm * 190mm	340 * 215mm	300 * 215mm
Display	LED	LCD	LED	LCD	VFD	LCD	LCD	LCD	LCD	LED	LED
Energy Supply: AC adapter/cable	230V IEC connector	power adapter	power adapter	power adapter	230V IEC connector	power adapter	power adapter	power adapter	power adapter	230V IEC connector	230V IEC connector
Energy Supply: Battery	-	4 * C battery	-	4-6 AA battery In E-KY: 4Ah rechargeable battery	-	4 * C battery	-	-	-	-	4Ah rechargeable battery
Measuring system / load cell	DMS	DMS	DMS	DMS	DMS	DMS	DMS	DMS	Electromagnetic force compensation	DMS	DMS
weight units	g	g	g, ct, ozt	g, ct, ozt, oz, gn, dwt, lb	g, ct, ozt	g, ct, ozt, oz, gn, dwt, lb	g, ct, ozt, oz, gn, dwt, lb	g, ct, ozt, oz, gn, dwt, lb	g, ct, ozt, oz, gn, dwt, lb	Kg, lb	Kg, lb
Color	Gray	Gray	Top white, bottom dark gray	White	Anthracite	Anthracite	White	White	White	Gray	Gray
Robustness / Shielding **	Class 3	Class 3	Class 2	Class 3	Class 1R	Class 3	Class 1A	Class 1A	Class 1A	Class 1R	Class 1R

* Calibration / Adjustment

Balances with external calibration function must be adjusted with a reference weight specified by the balance in the corresponding OIML accuracy class. In the most cases, this is not included in the scope of delivery. Balances with internal calibration function have a build in reference weight, that can be used for the calibration. Also, this scales can calibrate automatically every view hours or if the environmental conditions (temperature) change to avoid wrong results.

** Robustness and shielding against interference

Class 3: A lightweight plastic housing without bulky windscreen is well suited for mobile use and allows easy carrying, but it offers little opportunity to filter out environmental pollution such as draft or electrical radiation through technical equipment.
Class 2: Baseframe made of solid cast aluminum improves the stability of the scale, a small wind shield for the most sensitive models allows protected and reliable weighing for the most use cases and at the most environment conditions.
Class 1A: Improved Shielding, important especially for precision balances with the greatest possible sensitivity. The sensor and the "evaluation electronics" are encased with a "capsule" made of thick cast aluminum for shielding against electronic radiation. For models with 0,001g and finer, also a large glass windscreen is included.
Class 1R: Robust, developed for use cases in the industrial environment. Already in the selection of the build in components only the most durable parts was chosen for those scales to ensure the best possible reliability and a long service life. Some exemples: Stable base made of cast aluminum, break-sensitive LCD displays have been replaced with LED displays, the power supply is done via grounded 230V connection, internal power supply with changeable device protection fuse.