

Intelligente Lösungen der Wägetechnik

Intelligent solutions in weighing technology

 G&G[®]



PSB-Serie

PSB-Series



Display separat & leicht austauschbar
separate and individually replaceable display



Stabile Wandhalterung solid mounting bracket



Widerstandsfähige Aluminiumguss Wägefläche
resistant surface made of cast aluminum



Beleuchtetes Display & mögliche Funktionen backlight display & functions

Technical Information

Model	PSB75	PSB150	PSB300	PSB300B (triple range)
Weighing range / max	165 lb	330 lb	660 lb	660 lb
Readout: Dual range, double as accurate at small load	<11lb = 0.02lb 11–165lb = 0.05lb <5kg = 10g 5kg-75kg = 20g	<22lb = 0.05lb 110–330lb = 0.1lb <10kg = 20g 10-150kg = 50g	<44lb = 0.1 lb 44–660lb = 0.2lb <20kg = 50g 20-300kg = 100g	<165lb = 0.05 lb 165lb – 330lb = 0.1lb 330lb – 660lb = 0.2lb <75kg = 50g 75kg-150kg = 100g 150kg-300kg = 200g
Calibration weight*	50kg	100kg	200kg	200kg
Minimum weight**	0,2 lb / 100g	0,5 lb / 200g	1 lb / 500g	0,5 lb / 200g
Repeatability ***		+- 3 * Readout		
Linearity ***		+- 5 * Readout		
Reaction Time		< 4 s		
COUNT Reference		10, 20, 50, 100		
Weight Units		kg (Kilogramm) lb (Pfund)		
Dimension Weighing Plate		400 * 400 * 50 mm (15.748" * 15.748")		
Temperature		5 °C - 35 °C / 41 °F – 95 °F		
Humidity		≤ 80% R.H.		
Energy Supply		110V adapter: 6V / 300mA		
Battery		4 x 1.5V AA		
Auto Power Off		Adjustable: 0, 15, 30, 45, 60 Minute (0 = „always on“)		

* Scale comes pre-calibrated and ready to use. Weight is required for a new calibration, build with international standard OIML M1

** If you place a weight of 0,2 lb on PSB300 the scale will stay on "0", weight is below minimum weight. If you already have 1lb on the PSB300 and you add 0,1lb, the scale will show a total of 1,1 lb. If you want to measure a single weight of 0,2lb you need PSB75, only this has a minimum weight of smaller than the object which you want to test. On other Models the scale will show no weight.

*** Measurement uncertainty: Repeatability is the mistake that might occur at placing the same weight several times. If you place 10.000lb on a scale with 0.02lb readout and repeatability *3 the scale might show in 3 tests: 10.000 lb, 10.04 lb, 9.96 lb. Average of all 3 = Linear result.

Linearity: A loadcell might have measurement ranges where it shows too much or too less weight. If you test a PSB150, it may show at a load of 100.00 lb = 100.00 lb, at 200.00lb it might have a mistake of 5 * readout (5 * 0.1 lb) and show 200.5 lb. At 300.00 lb it works perfect again.

The linearity is the average of several reproducibility tests, in which the scale might show between 200.35 and 200.85 lb. This is of course not the normal mistake that every scale in this series will have, but the maximum tolerance that might occur during warranty time.