Competence Series/CP Series

Model		CP225D	CP324S	CP224S	CP124S	CP64	CP64–WDS
Weighing capacity	g	40/80/220	320	220	120	64	64
Readability	mg	0.01/0.01/0.1	0.1	0.1	0.1	0.1	0.1
Tare range (subtractive)	g	−220	−320	−220	−120	−64	−64
Repeatability (std. deviation)	≤±mg	0.02/0.05/0.1	0.2	0.1	0.1	0.1	0.1
Linearity	≤±mg	0.03/0.1/0.2	0.3	0.2	0.2	0.2	0.2
Response time (average)	s	≤ 12/3	≤ 3	≤ 2	≤ 2	≤ 2	≤ 2
Operating temperature range	°C	+10.... +30°C (50° to 86°F)					
Allowable ambient operating temperature	°C	+5.... +40°C (41°F to 104°F)					
Sensitivity drift within +10... +30°C	≤±/K	$1 \cdot 10^{-6}$					
External calibration weight (of at least accuracy class...)	g	200 (E2)	200 + 100 (E2)	200 (E2)	100 (E2)	50 (E2)	50 (E2)
Net weight, approx.	kg	7.6	6.5	6.5	6.5	6.5	4.1
Pan size (inner diameter)*	mm	80 ∅					
Pan surface*	cm²	64					
Weighing chamber height (from pan to cover)	mm	232	232	232	232	232	–
Dimensions (W×D×H)	mm	213×342×340					213×342×92
Electronics box (W×D×H)	mm	134×51×155	–	–	–	–	–
AC power source/ Power requirements	V~	AC adapter, 230 V or 115 V, +15%...−20% (protection rating IP20)					
Frequency	Hz	48 – 60					
Power consumption (average)	VA	maximum 16; typical 8					
Approx. hours of operation with the YRB08Z rechargeable battery pack	h	20	22	22	22	22	22
Selectable weight units		Grams, carats, pounds, ounces, Troy ounces, Hong Kong taels, Singapore taels, Taiwanese taels, grains, pennyweights, milligrams, parts per pound, Chinese taels, mommes, Austrian carats, tola, baht and mesghal					

Built-in interface	RS-232/V24-V28
Format:	7-bit ASCII, 1 start bit, 1 or 2 stop bits
Parity:	Mark, odd, even or space
Transmission rates:	150 to 19,200 baud
Handshake mode:	Software or hardware

* Three-sided weighing pan: ∅ = Diameter of inner circle.
The cross-hatched section can be fully utilized.