

CPA Series

Micro & Analytical Balances

Capacity: 5g-34,000g Readability: 0.000002g-0.0001g



STANDARD FEATURES

- All models have built-in internal calibration weights
- Automatic calibration at present time or temperature intervals
- RS-232C bidirectional interface port on all models
- High-contrast, blue backlit display
- 29 models available, from micro balances to 34 kg high capacity top loading balances
- Monolithic weigh cell provides stability and fast response

SPECIFICATIONS

	CPA26P	CPA2202S	CPA3202S	CPA4202S	CPA2202S-DS	CPA5202S-DS	CPA6202P	CPA6202S
Part Number	105570	105586	105585	105584	105587	105583	105588	105582
List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult
Capacity (g)	5/21g	2200g	33200g	4200g	2200g	5200g	1500/3000/6200g	6200g
Resolution (mg)	2/10 µg	0.01g	0.01g	0.01g	0.01g	0.01g	0.01/0.02/0.05g	0.01g
Weighing Modes	Grams, Kilograms, Carats, Pounds, Ounces, Troy ounces, Hong Kong tael, Singapore tael, Taiwanese tael, Grains, Pennyweights, Milligrams, Parts per pound, Chinese tael, Mommies, Austrian carats, Tola, Baht, Menghal							
Operating Modes	Counting, Percent weighing, Animal weighing, Unit Toggle, Net total							
Repeatability	+/-4µg	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g
Linearity	+/-8µg	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g
Stabilization Time	10 Sec.	2 Sec	2 Sec	2 Sec	2 Sec	2 Sec	2 Sec	2 Sec
Operating Temperature	10 to 30 deg C (50 to 86 deg F)							
Weighing Chamber	206x242x178mm 8 x 9.5 x 7in.	—				174 x 181 x 240mm 6.8 x 7.1 x 9.4in.	—	
Pan size	50mm ø(2in)	8.6 x 7.9in				130mm (5/1in)	8.6 x 7.9in	
Dimensions	213x342x270mm 8.3x13.5x10.6in.	213 x 342 x 88mm. 8.4 x 13.5 x 3.5in.				213 x 342 x 240mm 8.4 x 13.5 x 9.4in.	213 x 342 x 88mm. 8.4 x 13.5 x 3.5in.	
Weight (Approx.)	16.7 lb	10.4lb				14.7 lb	10.4lb	
Est. Ship Weight	22 lb	14lb				21lb	14lb	
Calibration Weight (g)	20g	2000g	2000g	2000g	2000g	5000g	5000g	5000g
Power	120VAC adapter (Other adapters available by special order)							
Warranty	Three-year limited warranty							

	CPA5201	CPA8201	CPA10001	CPA12001S	CPA16001S	CPA34001P	CPA34001S	CPA34000
Part Number	105591	105590	105589	105594	105593	105595	105592	105596
List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult	Consult
Capacity (g)	5200g	8200g	10000g	12000g	16000g	8000/16000g	34000g	34000g
Resolution (mg)	0.1g	0.1g	0.1g	0.1g	0.1g	0.1/0.2/0.5g	0.1g	1g
Weighing Modes	Grams, Kilograms, Carats, Pounds, Ounces, Troy ounces, Hong Kong tael, Singapore tael, Taiwanese tael, Grains, Pennyweights, Milligrams, Parts per pound, Chinese tael, Mommies, Austrian carats, Tola, Baht, Menghal							
Operating Modes	Counting, Percent weighing, Animal weighing, Unit Toggle, Net total							
Repeatability	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g
Linearity	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g
Stabilization Time	2 Sec	2 Sec	2 Sec	2 Sec	2 Sec	2 Sec	2 Sec	2 Sec
Operating Temperature	10 to 30 deg C (50 to 86 deg F)							
Weighing Chamber	—							
Pan size	8.6 x 7.9in				15.6 x 11.7in			
Dimensions	213 x 342 x 88mm. 8.4 x 13.5 x 3.5in.				313 x 532 x 120mm 12.3 x 21 x 4.7in.			
Weight (Approx.)	10.4lb				35.3 lb			
Est. Ship Weight	14lb				46lb			
Calibration Weight (g)	5000g	5000g	5000g	10kg	10kg	10kg	10kg	10kg
Power	120VAC adapter (Other adapters available by special order)							
Warranty	Three-year limited warranty							

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Options/Accessories

PART #	DESCRIPTION	PRICE
112261	Data printers YDP20-OCE	Consult factory
98038	Printer cable	Consult factory
31104	Paper, printer 5 rls/pk	Consult factory
31082	Density kit, Analytical (0.1 mg) software not included	Consult factory

SPECIFICATIONS

	CPA26P	CPA2P	CPA2P-F	CPA225D	CPA64	CPA124S	CPA224S
Part Number	105570	105568	105569	105571	105575	105574	105573
List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult
Capacity (g)	5/21g	0.5/1/2g	0.5/1/2g	100/200g	64g	120g	220g
Resolution (g)	2/10 µg	0.001/0.002/0.005 mg	0.001/0.002/0.005 mg	0.01/0.1 mg	0.1 mg	0.1 mg	0.1 mg
Weighing Modes	Grams, Kilograms, Carats, Pounds, Ounces, Troy ounces, Hong Kong taels, Singapore taels, Taiwanese taels, Grains, Pennyweights, Milligrams, Parts per pound, Chinese taels, Mommies, Austrian carats, Tola, Baht, Menghal						
Operating Modes	Counting, Percent weighing, Animal weighing, Unit Toggle, Net total						
Repeatability	+/-4µg	+/-1/2/5µg	+/-1/2/5µg	+/-0.02/0.5/0.1mg	+/-0.1mg	+/-0.1mg	+/-0.1mg
Linearity	+/-8µg	+/-2/4/5µg	+/-2/4/5µg	+/-0.03/0.1/0.2mg	+/-0.2mg	+/-0.2mg	+/-0.2mg
Stabilization Time	10 Sec.	10 Sec.	10 Sec.	6/3 Sec.	2 Sec	2 Sec	2 Sec
Operating Temperature	10 to 30 deg C (50 to 86 deg F)						
Weighing Chamber	206 x 242 x 178mm 8 x 9.5 x 7in.	54 x 49.5 x 55.5mm 2.1 x 2 x 2.2in.	125 ø x 12mm 5 ø x .5in.	174 x 181 x 240mm 6.8 x 7.1 x 9.4in.			
Pan size	50mm ø(2in)	20mm ø(0.8in)	125mm ø(4.9in)	80 mm ø(3.1in)			
Dimensions	213 x 342 x 270mm 8.3 x 13.5 x 10.6in.	213 x 342 x 151mm 8.4 x 13.5 x 6in.	213 x 342 x 115mm 8.4 x 13.5 x 4.5in.	213 x 342 x 240mm 8.4 x 13.5 x 9.4in.			
Weight (Approx.)	16.7 lb	9.6 lb	11 lb	16.7 lb	14.7 lb		
Est. Ship Weight	22 lb	23 lb		23 lb	21 lb		
Calibration Weight (g)	20g	2g	2g	200g	50g	100g	200g
Power	120VAC adapter (Other adapters available by special order)						
Warranty	Three-year limited warranty						

	CPA324S	CPA223S	CPA323S	CPA423S	CPA623S	PA1003S	CPA1003P
Part Number	105572	105580	105579	105578	105577	105576	105581
List Price	Consult	Consult	Consult	Consult	Consult	Consult	Consult
Capacity (g)	320g	220g	320g	420g	620g	1010g	500/1010g
Resolution (g)	0.1 mg	0.001g	0.001g	0.001g	0.001g	0.001g	0.001/0.01g
Weighing Modes	Grams, Kilograms, Carats, Pounds, Ounces, Troy ounces, Hong Kong taels, Singapore taels, Taiwanese taels, Grains, Pennyweights, Milligrams, Parts per pound, Chinese taels, Mommies, Austrian carats, Tola, Baht, Menghal						
Operating Modes	Counting, Percent weighing, Animal weighing, Unit Toggle, Net total						
Repeatability	+/-0.1mg	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g
Linearity	+/-0.2mg	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g	+/-0.001g
Stabilization Time	2 Sec	1.5 Sec	1.5 Sec	1.5 Sec	1.5 Sec	2 Sec	2 Sec
Operating Temperature	10 to 30 deg C (50 to 86 deg F)						
Weighing Chamber	174 x 181 x 240mm 6.8 x 7.1 x 9.4in.	132 ø x 56mm 5.2 ø x 2.2in				174 x 181 x 240mm 6.8 x 7.1 x 9.4in.	
Pan size	80 mm ø(3.1in)	110 mm ø(4.3in)					
Dimensions	213 x 342 x 240mm 8.4 x 13.5 x 9.4in.	213 x 342 x 153mm 8.4 x 13.5 x 6in.				213 x 342 x 240mm 8.4 x 13.5 x 9.4in.	
Weight (Approx.)	14.7 lb	10 lb				14.7lb	
Est. Ship Weight	21 lb	15lb					
Calibration Weight (g)	300g	200g	200g	200g	500g	1000g	1000g
Power	120VAC adapter (Other adapters available by special order)						
Warranty	Three-year limited warranty						