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Overview of Balances, Accessories and Modifications for Pipette Calibration

Selection Guide for Pipette Calibration Balances			
Pipette Test Volume	**Balance Type**	**Required Readability of the Balance**	
1 µL – 10 µL	Micro balance	6-digit	0.001 mg
10 µL – 100 µL	Semi-Micro balance	5-digit	0.01 mg
100 µL – 1 mL	Analytical balance	4-digit	0.1 mg
1 mL – 10 mL	Analytical balance	4-digit	0.1 mg
10 mL – 200 mL	Precision balance	3-digit	1 mg
200 mL – 1 L	Precision balance	2-digit	10 mg

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Cubis Models	Technical Data	Hardware Set and Modification	Picture Modification
	Cubis Micro balance Weighing capacity max: 6.1 g Readability: 0.001 mg	Cubis Micro balance + VF988 (20 x 84AE51) - Modified draft shield - Special evaporation trap - System adapter with sampling holder - 3x sample container 2.5 ml	VF988
	Cubis Semi-Micro balance Weighing capacity max: 220 g Readability: 0.01 mg	Cubis Semi-Micro balance + YCP04MS	YCP04MS
	Cubis Analytical balance Weighing capacity max: 520 g Readability: 0.1 mg	Cubis Analytical balance + YCP04MS	YCP04MS
	SpeedCal SSPC12K Multichannel balance Weighing capacity max: 12 g Readability: 0.01 mg	pump for evacuating of the vessels YFSP03	

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ME, CPA Models	Technical Data	Hardware Set and Modification	Picture Modification
	ME36S Micro balance Weighing capacity: 31 g Readability: 0.001 mg	ME36S + YCP04-HW + VF3677 (6 x 84AE51) - Centric-disc for evaporation trap - Weight reduced sampling holder (pot)	 VF3677
	CPA26P Micro balance Weighing capacity: 5 g | 21 g Readability: 0.002 mg | 0.01 mg	CPA26P + YCP04-HW + VF3677 (6 x 84AE51) - Centric- ring for draft shield - Centric- ring for evaporation trap - Weight reduced sampling holder (pot)	 VF3604
	CPA225D Semi-Micro balance Weighing capacity: 100 g | 220 g Readability: 0.01 mg | 0.1 mg	CPA225D + YCP04-HW VF2396 (4 x 84AE51) - Exchange standard (high) draft shield against short design draft shield - Centric-ring for draft shield - Centric- ring for evaporation trap	 VF2396
	Add on set Evaporation trap build in glass	- YCP04-ET01MS for Cubis Analytic balance - YCP04-ET01HW for CPA Analytic balances - YCP04-ET01GPC for GPC - For micro-balances and old balances (ME, CP, RC, ..) please contact the Fast Factory.	 YCP04-ET01xx

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Pipette Calibration Models	Technical Data	Options (for all GPC models)	Picture Modification
	GPC26-CW Micro balance Weighing capacity: 20 g Readability: 0.001 mg	Optional: YDB01WZA Demo box YDS01WZA Draft shield cylinder + 50 mL cylindrical sampling chamber (stainless steel) VF4354 (6 x 84AE51) Short-design draft shield for calibration and adjustment using an external weight VF3867 (25 x 84AE51) Additional stainless steel enclosure for higher stability of the weighing module	 YDS01WZA
	GPC65-CW Semi-Micro balance Weighing capacity: 60 g Readability: 0.01 mg		 VF4354
	GPC225-CW Semi-Micro balance Weighing capacity: 220 g Readability: 0.01 mg	 VF3867	 YDB01WZA

Overview of Pipette Tracker Software and Validation Tool Kit Selection Guide

Description	Part Number	Extended Description
Pipette Tracker	YCP04-PT	- Meets ISO 8655, ISO 17025, NCCLS and GLP requirements - Automatically schedules devices for calibration testing - Maintains a complete calibration history for all your devices - Includes a database of manufacturers specifications for over 1100 pipettes - Corrects for environmental conditions (temperature, barometric, humidity) - Supports all gravimetric calibration protocols for pipette calibrations. - Performs and documents all calculations associated with device testing
Pipette Tracker Pro	YCP04-PTPro	In addition to Pipette Tracker: - Meets 21 CFR Part 11 compliance requirements - Includes Electronic Signatures - Optional Validation Toolkit
Pipette Tracker Pro Plus	YCP04-PTProPlus	In addition to Pipette Tracker Pro: - Multi-channel balance interface support such as Sartorius' SpeedCal - Optional Validation Toolkit
Validation Tool Kit for PTPro	YCO04-VTK	- For the validation (IQ, OQ) of the Pipette Tracker Pro Version
Validation Tool Kit for PTPro+	YCO04-VTKPlus	- For the validation (IQ, OQ) of the Pipette Tracker Pro+ Version