



sartorius

## Cubis<sup>®</sup> MPS105S

### Pipette Calibration Balance

#### Advantages

- Motion Control, quick opening of the draft shield: convenient and efficient pipetting
- Integrated humidity sensor: controls humidity inside the weighing chamber
- White LED light: illumination of the full weighing area
- Red LED light: instant alert if climate parameters are out of tolerance



#### Product Description

For professional pipette calibration, you need the right balance – one that combines accuracy, precision, speed and convenience.

Accuracy and precision to comply with international regulations. Speed to meet requirements for cost- and time-efficient performance. And convenience for working in a comfortable posture.

Does all this sound impossible? Not if you find the right balance.

Meet the Sartorius Cubis<sup>®</sup> MPS: The perfectly balanced system designed to reconcile all your needs for accuracy, precision, speed and convenience in pipette calibration.

## Technical Specifications

### General

Power supply	100–240 V~, –15 %/+10 %, 50–60 Hz, 1.0 A
Power consumption	<35VA
Ambient temperature:	Operation +10°C to +30°C
Highest relative humidity	80 % for temperatures up to 31°C, decreasing linearly to 50 % relative humidity for 40°C
Safety of electrical equipment	According to EN 61010-1:2010: Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements
Electromagnetic compatibility	According to EN 61326-1:2013: Electrical equipment for measurement, control, and laboratory use – EMC requirements – Part 1: General requirements
Defined immunity to interference	Suitable for use in industrial areas
Interference emission	Class B (suitable for use in residential areas and areas that are connected to a low voltage network that also supplies residential buildings). The device can therefore be used in both areas.

### Specific

Readability [mg]	0.01
Weighing capacity [g]	100
Typical response time [s]	3
Repeatability [< +/- mg]	0.015 Standard deviation
Linearity [< +/- mg]	0,15 mg (100 g)
Eccentric load [mg] (Test load [g])	0.1 (50 g)
Number of possible pipette calibration at 10.3 ISO Standard	62 (100 µL pipette)

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