

Cubis MCA balance with large high end 7" color TFT touch display in 16:9 format with new user interface. Actual scale division (d) 0,001 mg, nominal maximum load (Max) 10,1g. Standard version non-verified, all units. Manual stainless steel draft shield for weighing filters with diameters of up to 50 mm (75 mm and 90 mm pans optional).



**Capacity x Readability**

2.1 g x 0.0001 mg

**Pan Size**

20 mm (Diameter)

**Manufacture:** Sartorius

**SKU:** MCA2.7S-2S00-M

**Weight:** 20.00 lb

Free Ground Shipping within the 48 continental US States

**Please Call  
(800)832-0055**

## Features

### The New Generation of Modular Premium Laboratory Balances

For scientists in R&D and analytical laboratories needing the most reliable lab weighing results, the Cubis® II from Sartorius is a completely configurable, high performance portfolio of balance hardware and software that will align with your unique demands and compliance requirements to maximize operational efficiency and experimental outcomes.

All modules of the Cubis® II balance were designed for an intuitive operation, further aided by intelligent diagnostic systems. These design elements guarantee a higher degree of repeatability for different workflows while lowering the probability of human error during measurement.

**Trusted Results** The Cubis® II balance offers several advantages over other lab balances:

- **Leading Performance:** the Cubis® II balance offers best-in-class performance, including high-capacity and high readability, regardless of sample type
- **Error-free Operations:** Ensure a high level of trust and transparency by using Cubis® II's functionality to assess relevant factors during data acquisition.
- **Full End-to-End Data Integrity:** Ensure your data is reliable and cannot be manipulated with Cubis® II's user management function and LIMS connectivity.
- **Reliable Support:** Our lab weighing team provides expert support to help ensure your success, even when making very specific and/or unique requests.

The modular weighing system Cubis® II can be individually configured from different components. The combinability of the display unit, weighing module, draft shield, software packages for various applications and functions and a comprehensive range of accessories allows the individual adaptation of the Cubis® II balance to all weighing tasks. The Cubis® II range of premium laboratory balances with a maximum load between 2.1 g and 70 kg and a readability between 0.1 µg to 1 g provide the ideal model for every application.

Cubis® II Display and Control Units

# Advances User Interface MCA

# Essential User Interface MCE



Large 7" color touch display including touch, scroll, swipe functionality with factory installed essential weighing applications and diverse QApp Packages for optional software extension.

Features:

- High-performance touch screen with high resolution and brilliant colors
- Modern user guidance with outstanding ease of use, even in complex lab situations

Large, high-contrast touch display with factory-installed essential weighing applications for easy operation of highest weighing performance. Features:

- For users who do not have complex applications but need to weigh with the highest level of accuracy
- High-contrast touch display with clearly structured functionality
- Easy-to-use essential weighing applications included

## Specifications

Model	MCA2.7S-2S00-F	MCA2.7SF-S00	MCA2.7S-2S00-M	MCA2.7SM-S00	MCE2.7S-2S00-F	MCE2.7S-2S00-M
<b>Capacity x Readability</b>	2.1 g x 0.0001 mg	2.1 g x 0.0001 mg	2.1 g x 0.0001 mg	2.1 g x 0.0001 mg	2.1 g x 0.0001 mg	2.1 g x 0.0001 mg
<b>Draft Shield Type</b>	Draft Shield F	Draft Shield F	Draft Shield M	Draft Shield M	Draft Shield F	Draft Shield M
<b>Display</b>	MCA Advanced User Interface				MCE Essential User Interface	
<b>Added Software</b>	QP99			QP99		
<b>Repeatability at 5 % load</b>	Standard deviation of the load values, tolerance 0.0002 mg Standard deviation of the load values, typical value 0.00015 mg					
<b>Repeatability near Max</b>	Standard deviation of the load values, tolerance 0.00025 mg Standard deviation of the load values, typical value 0.00018 mg					
<b>Linearity Deviation</b>	Tolerance 0.0009 mg Typical value 0.0007 mg					
<b>Deviation at eccentric loading, positions according to OIML R76</b>	Test weight: 1 g Tolerance: 0.0007 mg Typical value: 0.0005 mg Sensitivity drift between +10 °C and +30 °C : 1 ppm/K					
<b>Tare maximum capacity: Less than 100 % of maximum capacity</b>	Accuracy class according to Directive 2014/31/EU: I Verification scale interval (e) according to Directive 2014/31/EU: 1 mg Typical value: 0.0005 mg Minimum load (Min) according to Directive 2014/31/EU: 0.01 mg					
<b>Minimum weight according to USP (United States Pharmacopeia), Chap. 41</b>	Optimum minimum weight: 0.082 mg Typical minimum weight: 0.3 mg Typical stabilization time: 7 s Typical measurement time: 10 s					
<b>Recommended calibration weight</b>	2 g E2					

## Dimensions

MCE/MCA Weighing module (L x W x H)\*: 340 x 139 x 129 mm

MCE Electronics module (L x W x H): 315 x 240 x 61 mm

MCA Electronics module (L x W x H): 355 x 240 x 61 mm

Weighing pan size: Ø 20 mm

Filter weighing pan: Ø 50 mm

Weight, approx: 6.4/7.1 kg

\* depending upon weighing pan size, filter weighing pan and draft shield

Country of origin Germany

i81u812

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