

COLORIMETER / PHOTOMETER McFarland

The Colorimeter McFarland is an user-friendly instrument. Controlled by microprocessor, it contributes great precision, speed and comfort in the determination of the turbidity or density that they go acquiring solutions with growth of bacterial colonies



The Colorimeter has a range of 0 to 4 McFarland units. They are obtained readouts with a resolution of 0,01 McFarland in only 1 second and extrapolated readouts up to 10 McFarland Turbidity Units

The Colorimeter is calibrated to correspond with the turbidity of the Barium Sulphate precipitate produced when adding Barium Chloride to the Sulphuric Acid, under described conditions of McFarland (Journal of American Medical Association) and CLSI (Clinical & Laboratory Standards Institute).

The front panel includes a keyboard membrane that contributes an excellent watertight and it facilitates the control functions with only four keys

The Function Calibration provides a method for a user calibration.

The cell holder admits round tubes to 18mm. Ø and provides adapter rings for 16 and 13mm Ø.

SPECIFICATIONS:

Range.....: 0-4 McFarland Units	Memory: 10 last readouts
Extrapolated range.....: 4-10 McFarland Units	Display.....: Digital LCD high contrast backlight
Resolution.....: 0,01 McFarland Units	Size: 220 x 150 x 70mm
Accuracy: ±0,02 McFarland Units	Weight: 0,5Kg
Timer warming	Power pack.....: 100...240V50/60Hz.AC/5V15WDC
Calibration function	

Code	Article
1.9305.00	Colorimeter McFarland with rings adapter for 16 and 13mm diameter tubes
1.9305.11	Set of standards McF (0,5-1,0-2,0-3,0-4,0 McFTU) in 16mm Ø tubes
1.9305.12	Standard 0,5 McFTU, tube of 16mm Ø
1.9305.13	Standard 1,0 McFTU, tube of 16mm Ø
1.9305.14	Standard 2,0 McFTU, tube of 16mm Ø
1.9305.15	Standard 3,0 McFTU, tube of 16mm Ø
1.9305.16	Standard 4,0 McFTU, tube of 16mm Ø
1.9365.00	Tube 16mm Ø optically selected with screw cap and PTFE gasket. Pk. (4)
1.0105.26	Ring adapter for 16mm Ø tube
1.0105.25	Ring adapter for 15mm Ø tube
1.0105.24	Ring adapter for 14mm Ø tube
1.0105.23	Ring adapter for 13mm Ø tube
1.0105.22	Ring adapter for 12mm Ø tube
	Standards and tubes of 13mm Ø available

Distributor: