



## Consistent sample color assessment anywhere

### Datacolor® CONDITIONER MB2

Datacolor CONDITIONER MB2 is an environmental conditioning cabinet that enables color labs and offices to achieve highly reproducible color assessments by eliminating color differences that result from temperature and humidity variations, regardless of location.

Numerous studies have confirmed that the color of a sample can change significantly with variation in the sample's temperature or moisture content. If these two elements are not properly controlled, incorrect color assessments can occur.

#### Efficiency in sample conditioning

- Sample conditioning in 5-10 minutes ensures efficiency in your color approval process.
- Sealed inner glass door enables viewing of sample location for rapid sample removal and minimal disruption to conditioning.
- Quickly and easily select the appropriate conditioning set points with the intuitive controller interface.



#### Confidence in sample conditioning

- Conformance to ASTM D1776 and ISO 139 standards for conditioning textile samples to meet the requirements of the global supply chain.
- Precise temperature control with precision of  $\pm 0.2^{\circ}\text{C}$ , and humidity control with maximum variation of  $\pm 2\% \text{ rH}$ .
- Constant gentle air circulation throughout chamber with the patented APT.Line™ technology ensures homogeneous sample conditioning throughout the cabinet.
- Digital chart recording feature and optional external PC program for easy monitoring of unit.

## Flexibility to meet your needs

- Compact, easy-to-use unit that fits into any lab or office environment.
- Units available with daylight illumination for conditioning of samples that change color with exposure to light.
- Sample capacity:
  - Units with lighting hold up to 40 samples on 2 shelves
  - Units without lighting hold up to 100 samples on 5 shelves
- Optional external water tank and deionizing filtration system available as an alternative to connection to an in-house water supply.



### FEATURES COMPARISON

	Constant Climate Chamber	
	CONDITIONER MB2 (with lighting)	CONDITIONER MB2 (without lighting)
Controller	5.7" touchscreen	
Interior Volume	102L	
No. of Shelves Supplied	2	
Max No. of Shelves	2	5
Approximate No. of Samples per Shelf	20	
Temperature Range	10-50°C	10-70°C
Temperature Fluctuation (at 21°C, 65% RH)	± 0.2°C	
Humidity Range	10-70% rH	10-80% rH
Humidity Fluctuation (at 21°C, 65% RH)	± 2% rH	
Conditioning time	5-10 min.	
Recovery time After Door Open	≤ 6 min.	
Sealed inner see-through door	✓	
Daylight Lighting	✓	No
Computer Interface	Ethernet	
ASTM D 1776; ISO 139 compliant	✓	
<b>Exterior Dimensions (in mm)</b>		
Width	880	
Height	1050	
Depth	650	
Weight	140 kg	129 kg
<b>Interior Dimensions (in mm)</b>		
Width	600	
Height	483	
Depth	351	
<b>Power Requirements</b>		
Plug	NEMA, 6-20P	
Power voltage	200 - 230 V*	
Power frequency	50/60 Hz	
Power wattage	2 kW	

\* Unit can be run at 110V instead of 220/230V, using an optional 110V to 220V mains transformer.

For more information, please visit [www.datacolor.com/conditioner](http://www.datacolor.com/conditioner)