

# MIC-6 Multi Instrument Calibrator

## The future of automatic calibration

The Thermo Scientific™ MIC-6, Multi Instrument Calibrator perfectly complements the industry leading TVA2020 to improve accuracy and save time for optimizing LDAR compliance monitoring.

### Features

- MIC-6 saves time, improves accuracy with no ongoing software fees
- Electronic capturing of calibration records and drift assessments
- Automatic application of zero gas and 5 additional span gases
- Calibrates up to 6 TVA2020's in automatic mode
- Calibrates up to 6 legacy TVA1000B's or other similar analyzers in manual mode

### Introduction

The Thermo Scientific MIC-6 has two calibration modes, manual and auto. The auto mode is designed specifically for the TVA2020, while the manual mode can be used to calibrate up to six legacy TVA1000B or other similar instruments eliminating the need for Tedlar bags or similar gas delivery systems.

During the calibration, each span gas, starting with zero air, is delivered to the instruments in increasing concentration. Immediately after calibration the gases are reintroduced to the instruments to confirm the calibration and set the reference point for the drift check.



The calibrator can also perform a manual or automatic drift check of the instruments. In auto drift check mode the calibrator compares the most recent calibration data to the current instrument reading and reports the percent difference.

The calibration gas tank information must be entered into the calibrator to perform the automated features. The MIC-6 will use the tank information, specifically the expiration date, to alert the user that the tank is due to expire within a month of the expiration date.

The MIC-6 also contains a calibration precision data entry screen that can be used to store the response time and concentration readings required for the quarterly calibration precision audit.

The MIC-6 has sufficient memory to store six years' worth of daily calibration and drift data on over 100 instruments. The data is stored in the order it is received in memory thereby eliminating the possibility of postdating entries.

The data stored in the internal memory can be downloaded via a USB memory device or through a user supplied Bluetooth connection in a .CSV format.



Thermo Scientific™  
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## Thermo Scientific MIC-6 Multi Instrument Calibrator

Specifications	
Approvals and Certifications	TUV, CE
Input Pressure (Zero and 5 Span Gases)	15 to 25 psi (40 psi max)
Flow Rate	1 instrument – approximately 2.5 LPM @ 25 psi 6 instruments – approximately 1.5 LPM/instrument @ 25 psi
Operating Temperature	0–40 °C
Physical Dimensions	11 in (D) x 17 in (W) x 9 in (H) 280 mm (D) x 425 mm (W) x 221 mm (H)
Weight	15 lbs
Mounting Options	Table top (Tilt feet allow 30° viewing angle) Rear Panel VESA mount pattern (bracket user supplied)
Power Requirements	115-240 VAC 50/60 Hz 120-190 W
Storage Temperature	-20 to 60 °C

## Ordering information

### MIC-6 Multi Instrument Calibrator

Choose from the following configurations:

#### 1. Voltage options

A = 115 VAC 50/60 Hz (NA)

B = 220 VAC 50/60 Hz (Europe)

C = 220 VAC 50/60 Hz (China)

Your Order Code: MIC-6 -

To maintain optimal product performance, you need immediate access to experts worldwide, as well as priority status when your air quality equipment needs repair or replacement. We offer comprehensive, flexible support solutions for all phases of the product life cycle. Through predictable, fixed-cost pricing, our services help protect the return on investment and total cost of ownership of your Thermo Scientific products.

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