Certificate Of Calibration

Agilent Technologies

Bayan Lepas Free Industrial Zone, Phase 3, 11900 Bayan Lepas, Penang, Malaysia

Date: 2025 May 25
Model: **G6692A**
Serial: **MY2521J071**
Product Key: **433B**
Test Station: E1234

Ambient Temperature(°C): 22.6
Ambient Pressure(MPa): 0.100567
Calibration Gas: Nitrogen
Calibrated by: FMATS
Calibrated Status: NEW

Equipment used:

Flow Measurement System Controller
Manufacturer: Fluke
Model: molbox1+A700K
Serial Number: 2373

Low Range Measurement (0-100 ml/min)
Manufacturer: Fluke
Model: 5E1-VCR-V-Q - 5E1 LAMINAR MOLBLOC FLOW ELEMENT
Serial Number: 7183

High Range Measurement (100-750 ml/min)
Manufacturer: Fluke
Model: 1E3-VCR-V-Q - 1E3 LAMINAR MOLBLOC FLOW ELEMENT
Serial Number: 7189

Temperature
Manufacturer: Pico Technologies
Model: SE011
Serial Number: A00647

Pressure
Manufacturer: Omega Engineering
Model: PX409-26BUSBH
Serial Number: A00583

The above designated flow meter was calibrated to within an absolute accuracy of 0-500 ml/min +/-2% or +/- 0.2 ml/min (whichever is greater) ; 501-750ml/min +/-3% at room temperature using NIST traceable flow rate standards. These flow rate standards are periodically verified to the above listed NIST traceable standards as employed by Agilent and have a maximum aggregate uncertainty of 0.33% percent of the actual flow rate.

Verification Table

Flow Reference	Flow Measured	Low Limit	High Limit	Pass/Fail
0 [0]	0.01 [0.02]	-0.17 [-0.17]	0.17 [0.17]	Pass [Pass]
0.51 [0.47]	0.53 [0.48]	0.34 [0.3]	0.68 [0.64]	Pass [Pass]
0.98 [0.9]	1 [0.89]	0.81 [0.73]	1.15 [1.07]	Pass [Pass]
5 [4.57]	5.02 [4.61]	4.83 [4.4]	5.17 [4.74]	Pass [Pass]
10.02 [9.17]	10.06 [9.2]	9.85 [9]	10.19 [9.34]	Pass [Pass]
50 [45.8]	50.1 [45.9]	49.22 [45]	50.82 [46.5]	Pass [Pass]
99.7 [91.4]	100 [91.6]	98.08 [89.9]	101.27 [92.8]	Pass [Pass]
199.4 [182.6]	198.7 [181.9]	196.17 [179.6]	202.55 [185.5]	Pass [Pass]
300 [274.8]	298.3 [273.3]	295.19 [270.4]	304.79 [279.2]	Pass [Pass]
401.2 [367.6]	398.5 [365.1]	394.8 [361.7]	407.64 [373.5]	Pass [Pass]
510 [467.2]	507.8 [465.2]	501.84 [459.7]	518.16 [474.7]	Pass [Pass]
598.4 [548.1]	595.3 [545.1]	588.83 [539.3]	607.98 [556.9]	Pass [Pass]
698.9 [640.3]	696.6 [636.8]	687.71 [630.1]	710.08 [650.6]	Pass [Pass]
741.6 [679.5]	737.5 [674.3]	729.74 [668.6]	753.47 [690.3]	Pass [Pass]

Top values are in ml/min. [Bottom values] are in sccm

G6692A MY2521J071

Cartridge information

With Info mode displayed, briefly press and release the Enter/Clear/Toggle button to cycle through available screens until the Cartridge screen is displayed. There are two pages in Info mode to display cartridge information.

The first Cartridge screen displays the date information about the currently installed cartridge. This includes the date that the cartridge was first used (Activation date), and the date the cartridge is due to be replaced (Due date). In addition, there is a rectangular bar as a graphic representation of the remaining life of the installed cartridge.

When the cartridge is expired, the rectangular bar is fully filled and Expired! is blinking in the rectangular bar to alert user.

Serial instrument: MY19361324
Serial Cartridge: MY2521J071