

CalibrateIT

Calibration unit C9



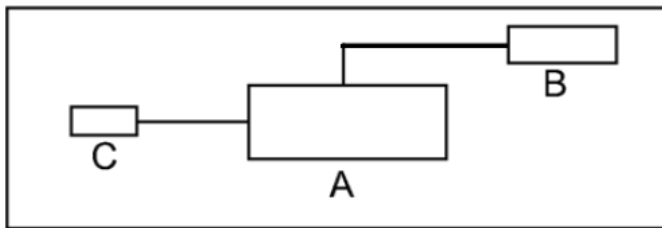
Specialist in leak testing since 1973



- Leak Testing -

Programming & Applications

C9 is used for accurate calibrations and settings of airflows from adjustable reference leaks in leak testing or airflow control instruments. C9 is pressure independent and measures the airflow for overpressure as well as, in vacuum conditions. C9 is a user-friendly calibration unit. When operated within the pressure and airflow ranges, as stated under “Technical Data”, the resulting airflow will be immediately shown mm³/s or cm³/min. on the display. There are two different type of C9 models available for various measuring ranges. The unit C9 includes a mass airflow meter (A) display (B) and hose (C) which offers a quick connection to the instrument to be tested. For overpressure conditions, the hose is connected to the right connection (+) of the C9 during vacuum condition to the left connection, and to the instruments reference leak connection.



Dimension and Weight

The casing is made aluminium profile.

Length: 170 mm
 Width: 80 mm
 Height: 35 mm
 Weight: 390 g

Will be delivered in safe case. Nolek calibrates the unit and issues a traceable certificate, according to DKD (Deutscher Kalibrierdienst).

Technical Data

Pressure Range: 0-1 bar
 Reaction Time: 20 ms
 Measuring Range 1: 4-500 Nmm³/s
 0,25-30 Ncm³/min
 Measuring Range 2: 100-9999 Nmm³/s,
 6-600 Ncm³/s
 Decimals: Up to two decimals
 Accuracy: 2 % of max.scale value
 Display: flow value in mm³/s or
 cm³/min.
 Airflow Connection: Hose with quick coupling
 capability for connecting
 reference leak in Nolek
 instrument, is included.
 Battery: 2 pcs AA batteries.

The C9 also includes the following extra features:

- Automatic shut-off-timer.
- Airflow value memory
- PC communication availability.
- Rubber protection to minimize damage & electrical shock.

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