

# Calibration Unit C9

*- for quick and easy calibrations of leak testing instruments*



## 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.

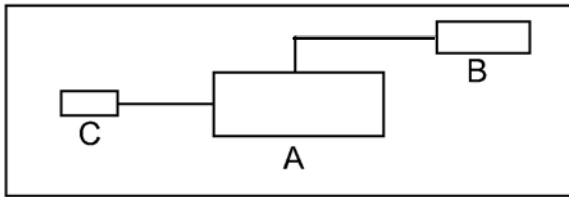
C9 is a user-friendly calibration unit. When operated within the pressure and airflow ranges, as stated under "Technical Data", the resulting airflow will be immediately shown mm<sup>3</sup>/s or cm<sup>3</sup>/min. on the display.

There are two different type of C9 models available for various measuring ranges.

*Specialist in leak testing since 1973*

**nolek**<sup>®</sup>  
– Leak Testing –

## Calibration unit C9



### Function

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.



### Dimensions 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 Kalibrier-dienst).

### The C9 also includes the following extra features:

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

### Technical Data

Pressure Range: 0-1 bar

Reaction Time: 20 ms

Measuring Range 1: 4-500 Nmm<sup>3</sup>/s  
0,25-30 Ncm<sup>3</sup>/min

Measuring Range 2: 100-9999 Nmm<sup>3</sup>/s  
0,1-10 Ncm<sup>3</sup>/s

Accuracy: 2 % of max.scale value  
Display: flow value in mm<sup>3</sup>/s  
or cm<sup>3</sup>/min.

Airflow Connection: Hose with quick coupling capability for connecting reference leak in Nolek instrument, is included.

Battery: 2 pcs AA batteries.

*Nolek develops, manufactures and markets equipment for automatic tightness testing, pressure testing and leak detection*