



Cardio - Pulmonary  
Diagnostics



## Calibration Syringe

Pulmonary



# Calibration Syringe

## High precision volume calibrator for all spirometers

Well informed pulmonary practitioners know and the spirometry standard states that the calibration of every spirometer should be done daily with a 3000 ml calibration syringe. Medikro has designed an ideal tool for that job. The 3000ml Medikro Calibration Syringe is made of aluminium. It exceeds the ATS recommendation for accuracy and precision. The syringe is easy to use and the unique hexagonal shape doesn't allow it to roll. Therefore, it prevents the most common source of breakage. Oval Outlet Port Adapter is made of resistant silicone rubber to make a perfect seal between the syringe and Medikro SpiroSafe disposable flow transducer. Outlet Port Adapter can be removed easily to make the syringe suitable for the calibration of spirometers of other manufacturers. Calibration Syringe comes with a 1-year warranty and a quality certificate.

**Total volume:** 3000 ml, fullfills the ATS recommendations (Standardization of Spirometry, 1994 Update), for volume that has to be used in spirometer calibration, with a single stroke

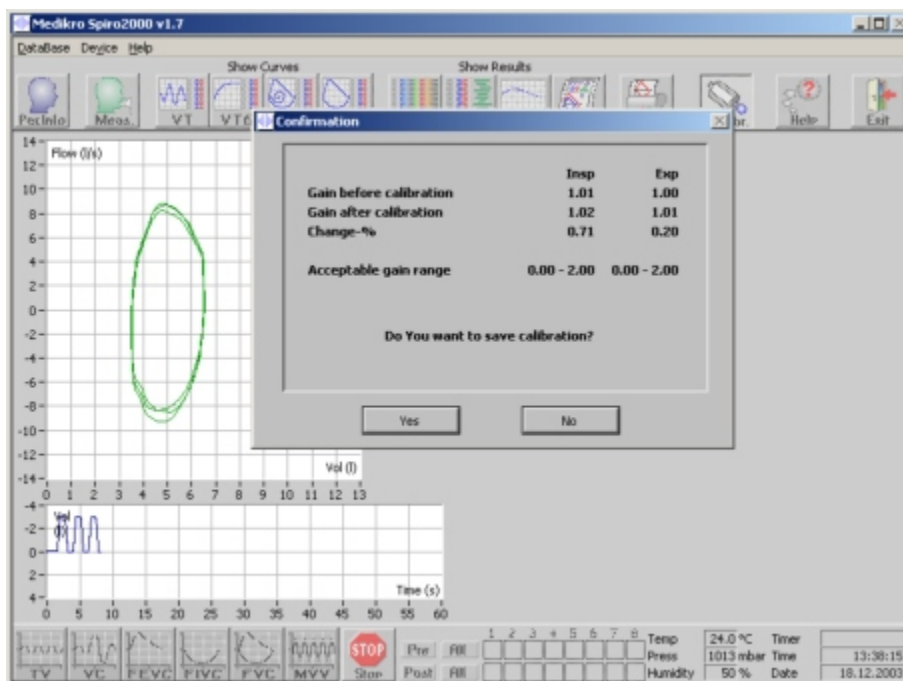
**Accuracy:** Error less than  $\pm 0.24\%$  of maximum volume or  $\pm 7.2$  ml, meets or exceeds the ATS recommendations (Standardization of Spirometry, 1994 Update) of  $\pm 0.5\%$  or  $\pm 15$  ml max

**Outlet port ID:** 27.8 mm, can be coupled directly to Medikro SpiroSafe flow transducer

**Volume stroke:** 382.0 mm

**Cylinder bore ID:** 100.0 mm

**Lubricator:** Fullfills the U.S. requirements (Guidelines of sec. 21 CFR 178.3570 of the FDA regulations) and is authorized by USDA (USDA H1)



**Flow range:** 0... $\pm 15$  l/s (user dependent, manually operated)

**Temperature range (operating):**  
+10...+40 °C / +50...+104 °F

**Temperature range (storage):**  
-10...+50 °C / +14...+122 °F

**Relative humidity range:**  
5...85%, non-condensed

**Pressure range:**  
700...1060 hPa

**Physical dimensions:**  
130 mm x 130 mm x 565 mm

**Weight:** 1.9 kg

**Product code:** M9474