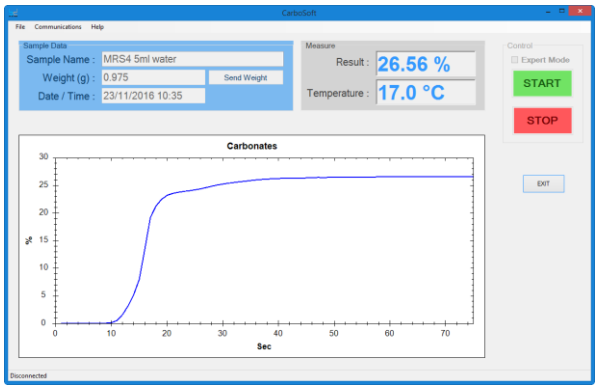
FOG*L* - Digital Laboratory Calcimeter

for measuring the carbonate content of soil samples

Based on the Scheibler method, the temperature-compensated pressure increase is determined after adding of hydrochloric acid.
Using a pipette, 6 ml of HCL (6N) is dripped into the cuvette integrated in the lid. The lid is screwed onto the glass bottle containing 1g of soil sample. The tube is fixed to the lid with the quick connector, the measurement is started on the calcimeter and then the sample is completely mixed with the hydrochloric acid by carefully shaking the bottle.
Once the measurement is complete, the result is displayed immediately and saved automatically.

TECHNICAL DATA

Interface	4.3" touch LCD display, user interface 20° tilted
Power supply	9 V; 0,55 A
Measuring unit	% $CaCO_3$
Measuring range	0 - 100 % $CaCO_3$
Accuracy	0.5 % $CaCO_3$
Resolution	0.01 %
Linearity (R^2)	0.999
Temperature	Automatic compensation by built-in temperature sensor 5 - 50° C
Vessel	Duran glass bottle
Sample volume	0.5 – 5 g (0.001 g)
Measuring time	Approx. 30 sec
Protection	IP 54
Dimensions	225 x 165 x 104 mm
Weight	500 g
Standards	Complies with the standards DIN EN ISO 10693-2014 & ASTM D 4373-2014



ACCESSORIES

- Spare bottles (BT-100)
- Cuvette cap, complete (HC-160)
- Optional: CarboSoft® Desktop Software for Microsoft Windows 8.x, 10.0

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