FOG // Digital Soil Calcimeter

On the go determination of the total inorganic carbon as equivalent calcium carbonate content with GPS technology

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Now total carbonate content measurements is as simple as never before. The FOG// Digital Soil Calcimeter with automatic temperature compensation (patented) offers dramatically improved levels of performance, productivity, reliability, ease of use and on the go flexibility . FOG// Digital Soil Calcimeter provide best accuracy in total carbonate content measurements with GPS capabilities and storing data in a memory.

	Specifications
User Interface:	Keyboard membrane, Back lighted LCD.
Power Supply:	3 x AA alkaline or rechargeable batteries
Units:	% $CaCO_3$
Working Range:	0 - 100% $CaCO_3$
Accuracy/Resolution:	0.5% / 0.1% $CaCO_3$
Linearity (r^2):	0.999
Temperature:	Automatic compensation with build in temperature sensor 5 – 50°C
Reaction Vessel:	Glass bottle
Sample Volume:	0.5–5g
Sample Analysis Time:	Approx. 30 sec
Memory	The last 50 measurements can be stored internally
Protection	IP65
Dimensions LxWxH:	200 x 94 x 39mm (package 640x400x150mm)
Weight:	350g
Material:	Case: ABS (UL 94 HB) · Membrane keyboard: Polyester (PET) · Display: Resin coated (scratch resistant)
CE Mark:	Complies with the EU directive
Standards:	Complies with EN ISO 10693, ASTM D4373-02 and Soil Science Society of America standard test methods for calcium carbonate content in soils and sediments.

Ordering details

FOG// Basic : FOG// Calcimeter including bottle, cuvettes, calibration $CaCO_3$ standard, power supply, operating manual.

FOG// FieldKit : FOG// Calcimeter and accessories as with Basic version, also with balance 0.01g, calibration $CaCO_3$ std, hard plastic carry case complete for field analysis

Accessories
GPS module : GPS receiver for field measurements (factory installed)

Spare Parts
BT100 : Replacement bottle
HC-150 : Head cup complete

ES France - Département Bio-tests & Industries
127 rue de Buzenval BP 26 - 92380 Garches
Tél. 01 47 95 99 90
Fax. 01 47 01 16 22
e-mail : bio@es-france.com
Site Web : www.es-france.com