

# **ELECTRONIC CALCIMETER**

-	Con .	Ding	100	and sectors	Karbonat-Log	Lipsa
Ð	Sector :	Cell (Ni	Doort.	decore (%)	(beseturg)	Andrew con
	7074 m	- 69	38		New	108.204 or 12.25
	3877 #	- 60	a.		New	2208.208 un 1456
	1000 A		40		Non	2108-309-04 (9:00
1	inter at	40.	80	14	intre.	1108.001 (A1248
	2010.00	38-			BURA.	10108-0091 (pt 108-20
1	0062 m		100	100	(second	2208-2094 (49-14-28
	5962 M	- 0	- 92	-100	ibra.	210K204-yet122
1	0000.0	0		100	New .	230K.2004-ye11-12
	1080, m		- 10	100	They at	2108.2004 un 1348
18	1001 -0		- 10	100	them.	1108-1004-44-14-15
and set of	leader .				10.000	
÷Г				1	The second secon	Dates discretions
				_	Chillent	Jahren Hiller and a start
H.R.					Contraction of the second	Log thurten
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				0.80	Cod hearing.



# Automated measuring and recording of carbonate content in rocks

The device measures carbon dioxide deriving from chemical reaction of carbonate with hydrochloric acid. The pressure of developing carbon dioxide is measured by a sensing cell. The calcite / dolomite ratio is automatically determined from GEO-data Software.

- Simple to operate
- Robust hardware
- Differentiation of calcite and dolomite
- Documentation on PC as table or chart



### Description

The pulverized, dry and weighted sample is placed into the pressure cylinder. Hydrochloric acid will be added. The carbon dioxide evolution is tracked by monitoring gas pressure in the reaction cell against time. The data are calculated by GEO-data software and can be shown as graphic charts or table.

#### Maintenance

Normally no maintenance is necessary. The calcimeter must be calibrated with calcium carbonate (99,99%) before use. The seal seat on the sensor head should be greased with silica grease every 15 to 20 readings.

#### **Delivered Accessories**

Software, electronic box, pressure head, precision scales, Sieve, mesh size 0,2mm with sieve pan, mortar, spatula, hydrochloric acid, (10%), calcium carbonate.

## **Technical Specification**

		Calcimeter
•	Model	Pressure sensor with reaction cylinder
•	Certified for hazardous areas	No
•	Certificate of conformity	-/-
•	Range of measure	0 – 100%
•	System accuracy	± 1%
•	Sample weight	0,5 g
•	Supply voltage	220 V, 50 Hz (10 W)
•	Weight including accessories	approx. 2 kg