

Case

- Material: PVC White and Gray
- Dimensions (L*W*H): 410*570*290 mm
- Weight with attachments: about 10 kg
- Front: screen, keyboard

Measure

- Masse ranges of the samples
- Range 100 mg from 90 to 150 mg
- Range 250 mg from 200 to 300 mg
- Range 1 g from 900 to 1100 mg
- Pressure: 0 to 500 hPa with an electronic sensor
- Measure range of CaCO₃ rate: from 8 to 100 %
- Accuracy rates in the range: ratio at +/- 4 %

Mechanical parts

- Moving of the carousel: stepper controlled by a microcontroller
- Acid Injection: by peristaltic pump
- Sealing of the bottle: by peristaltic pump and pneumatic jack
- Shutter head : seal in latex

Electronic parts

- Power supply: 230VAC+/- 10% ; 50 Hz
- Consumption: average 65 mA, maxi 180 mA
- Protection: fuse 1A
- Management: by microcontroller
- Programming: by questions / answers
- Data and results saving: last carousel (more than one month).

