

References : REFELEC, REFELEC2



These portable electronic refractometers will win you over and surprise you with their ease of use, their performance and their prices. Working according to the principle of measuring the refractive index by reflection, they make it possible to determine quickly and accurately the sugar concentration contained in fluid samples. The REFELEC2 model also makes it possible to measure the refractive index.

Technical characteristics:

- Refractive index: 1.3300 to 1.5080 nD  $\pm$  0.0005 nD; 1.3330 to 1.5040 nD20  $\pm$  0.0005 nD20 (for the REFELEC2 model only)
- Range of sugar content: 0.0 to 85.0% Brix  $\pm$  0.2% Brix
- Temperature range: 0.0 to 80.0 ° C  $\pm$  0.3 ° C
- Temperature compensation: Automatic, 10 to 40 ° C
- Response time: Around 1.5 seconds
- Light source: Yellow LED
- Measurement cell: Stainless steel sample Sheet and flint glass prism
- Auto-off: After 3 minutes of non-use
- Protection index: IP 65

- Power supply: 1.9 V battery
- Dimensions / Mass: 192 x 102 x 67 mm / 420 g