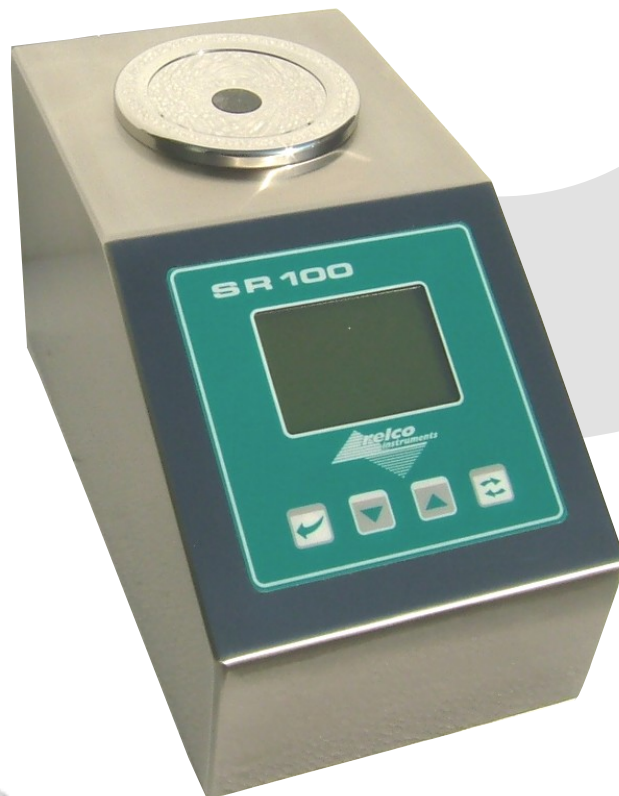


# > SR 100

## DIGITAL LABORATORY REFRACTOMETER



The **SR100** is our latest high-end instrument for laboratory.

Engineered for accurate and reliable performances into laboratory measurements and in production areas, provides an accurate and repeatable concentration readings for food, beverage, dairy, wineries and chemical industries.

It's a instrument that reach high level of toughness and waterproofing. Its design allows to use in field.

Two standard scales ( °Brix and R.I. ) , four custom-made scales programmable by manufacturer and one user scale programmable by customer.

Data storage and processing on external printer or PC Windows® compatible.

**The SR100 digital refractometer is the right choice for all industrial laboratories which search handiness, reliability and high accuracy.**



*The art of analysing*



## Technical specifications

<b>Range</b>	<b>SR100</b> : 0...85 Brix (ICUMSA 1974) (1.3330...1.5040 RI) <b>SRK100</b> : 0...50 Brix (ICUMSA 1974) (1.3330...1.4200 RI)
<b>Resolution</b>	0.01 Brix (0.0001 RI)
<b>Accuracy</b>	+/- 0,3% on measuring range
<b>Weight</b>	5,0 Kg.
<b>Display</b>	128x64px LCD graphic display
<b>Wetted parts</b>	AISI 316 stainless steel, Viton, synthetic sapphire, optical glass (SRK100)
<b>Prism</b>	SR100 : Synthetic sapphire SRK100 : Tempered Optical glass
<b>Light source</b>	HE long life LED
<b>Keyboard</b>	Polyester water-proof touch-pad
<b>Box</b>	AISI 304 stainless steel IP65 protection
<b>Programming</b>	Easy and friendly menu for a complete personalization of parameters, range, scales, data storage
<b>Language</b>	English (on request : Italian, French, Spanish, German)
<b>Supply</b>	External power supplier 220 VAC - 50...60 Hz. 10W
<b>Thermostat</b>	by water circulation
<b>Ambient temperature</b>	10...50 °C Specific scales on request
<b>Temperature probe</b>	PT1000 - internal
<b>Sample</b>	2cc
<b>Automatic temperature compensation</b>	5...45 °C
<b>Dehumidification</b>	Silice bag
<b>Serial output</b>	RS232—RS485
<b>Fittings</b>	- Prism cover - Plastic cover - Pipes for water circulation - Printer (optional)

• Research laboratories

• Food industries laboratories

• Chemicals and petrochemicals industries laboratories

• Oenologicals laboratories



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