



## Julie Expert

**Julie Expert automatic™ is calibrated according to established standard methods for milk analysis:**

- Roesse Gottlieb – for fat
- Kjeldahl – for protein
- HPCL – for lactose
- Oven drying – for total solids
- Cryoscopy – for freezing point

MilkoScope Expert is our best-selling milk analyzer due to its portability and capability to address issues that may occur on location.

MilkoScope Expert Automatic has proven its capabilities with time. It is the best-selling analyzer in our catalog due to its compact size, integrated Mars sensor, accurate results, and low price. It is equipped with an automated pipette which allows automatic start of analysis, without the press of a button. Upon customer request it can be equipped with a cable to be powered from a car lighter socket.

The instrument's software signals with a display message and a beep sound when there is a need of washing, which is also fully automated. The unit can be connected to a computer via the included in the kit cable and software.

### MilkoScope Expert Automatic – Calibrations

MilkoScope Expert Automatic has three calibration banks. It can be calibrated for three products. One of the calibrations is factory-made free of charge and the other two can be done upon request by the customer as a paid option.

### MilkoScope Expert Automatic can be calibrated for:

- Cow milk
- Sheep milk
- Goat milk
- Buffalo milk
- Pasteurized milk
- UHT milk
- Whey

### MEASURED PARAMETERS

Parameter	Accuracy (Resolution)	Range	Consistency (Repeatability)
Fat	0.02%	0.00% - 10.00%	±0.02
SNF	0.02%	0.00% - 10.00%	±0.02
Protein	0.02%	0.00% - 10.00%	±0.02
Lactose	0.02%	0.00% - 10.00%	±0.02
Density	0.005%	1.0150-1.0400 g/Sm <sup>3</sup>	±0.02
Solids	0.02%	0.00% – 5.00%	±0.02
Freezing Point	0.001%	-0.45 °C to 0.55 °C	± 0.001 °C
Added water	0.05%	0.00%- 70%	0.05%

### MORE INFORMATION

Info	Data
PH	optional
Conductivity	optional
External printer	optional
Sample volume	10 ml
Sample temperature	2 to 45 °C
Humidity	0 to 80 °C
Database Processing	RS 232 port
Dimensions (W x D x H)	27 x 27 x 13 cm
Weight	3 kg
Power supply	12V = 6A, 40W