



## Julie C5

**Julie C5 automatic™ is calibrated according to established standard methods for milk analysis:**

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

Julie C5 Automatic is a compact milk analyzer, suitable for laboratory use in large milk processing facilities, as well as certified laboratories. It is ideal for analyzing all types of animal milk, plant-extracted milk, and some additional products. The analyses are automatic through the fully automated pipette, not requiring any buttons to be pushed. After analysis the measured sample is not returned in the sample cup but it is flushed into a waste container. This contributes for good results consistency and repeatability. After the unit has been used continuously for some time, Julie C5 signals for the need of cleaning by displaying a message and producing a beep sound. Julie C5 is also equipped with a printer for printing out the measured results.

### Julie C5 Automatic – Calibrations

Julie C5 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 are offered as paid add-ons upon customer's request.

### Julie C5 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% - 20.00%	±0.02
SNF	0.02%	0.00% - 15.00%	±0.02
Protein	0.02%	0.00% - 10.00%	±0.02
Lactose	0.02%	0.00% - 15.00%	±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	0.02%	0.00%- 70%	0.02%

### MORE INFORMATION

Info	Data
PH	optional
Conductivity	optional
Built-in printer	
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)	31 x 27 x 27 cm
Weight	5 kg
Power supply	12V = 6A, 50W