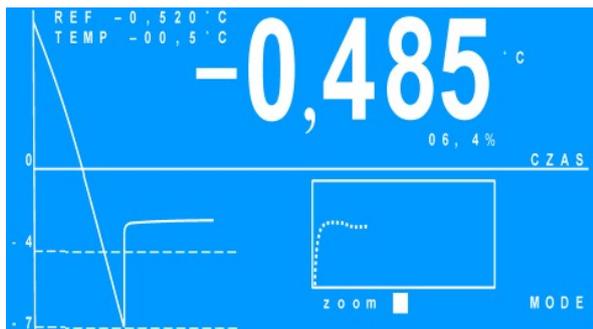


CRYOSCOPE 800CLG



The device is very simple to operate. The sample is placed on the measuring head in sample tube which is **specially prepared** for the crystallization. The measuring head is then used to press it down into the cooling chamber. From this point the analysis runs automatically. Supercooling of the sample, initiation of the crystallization, measurement of the freezing temperature, and the conversion to the % extraneous water, with a display of results.



- 800CLG model has hi-tech user interface:
- observation of the sample freezing process with immediate information regards result correctness
 - available measurement results history with printout of the single result or of many chosen measurement results
 - active result printout description
 - service panel with service tests
 - displaying in Polish/English/German/French
 - date and time setting
 - the microprocessor control and built in electronic components with high long term stability make the Cryoscope 800CLG an analyzer of easy application and reliable results

The CRYOSCOPE 800CLG is an automatic freezing point analyzer that is used to identify the presence of extraneous water in milk and milk products. For each sample, a measurement result is produced consisting of the freezing point temperature and the corresponding percentage of extraneous water.

CRYOSCOPE 800CLG allows to settle by the user the freezing point temperature threshold for milk without an extraneous water – chosen from the range: from -0.512 °C to -0.527 °C – change every 0.001°C.



- * **1-point calibration** - the 1-point-calibration requires distilled water only, and is one of the most practical features of this analyzer. The calibration values are automatically calculated and stored in the microprocessor memory.
- * **automatic work** - the Cryoscope 800CLG needs only a sample
- * **the microprocessor control and built in electronic components with high long term stability;**
- * **ready to work - ca. 5 min;**
- * **short measuring time - 1.5 min**
- * **high precision** ($\pm 0.5\%$) and **reproducibility** (better then 0.5%) **results**
- * **disposable tubes do not require clearing and sterilization**
- * **low operating cost**

