

Digital Hand-held “Pocket” Refractometer PAL-Colostrum



Protect and nurture the health of your livestock and newborn calves! The ideal colostrum (first milk) Brix level is 20% and above.

PAL-Colostrum

This model can be used for determining the quality of colostrum. It measures the Brix value of colostrum, which has a correlation with the immunoglobulin (IgG) value contained in colostrum. If the Brix value of the colostrum is over 20%, you can safely assume it is high-quality colostrum. *Correlation coefficients may vary depending on the species of animal.

This instrument is equipped with NFC (Near Field Communication) technology.

Data history can be accessed by bringing PAL-NFC to any Android devices or PC-linked USB NFC Reader (in conformance to PC/SC specification).

Specifications

Model	PAL-Colostrum
Cat.No.	3805
Scale	Brix Temperature
Measurement Range	Brix : 0.0 to 53.0% Brix Temperature : 10.0 to 100 ° C
Resolution	Brix : 0.1% Temperature : 0.1 ° C
Measurement Accuracy	Brix : ±0.2 % Temperature : ±1 ° C
Temperature compensation range	10 to 100 ° C (Automatic Temperature Compensation)
Ambient Temperature	10 to 40 ° C
Output	NFC Forum Type 4 Tag ISO/IEC 14443 Type A
Maximum number of data history	100
Output item	Date Time, Brix[%], Temp[degC]
Sample Volume	At least 0.3mL
Measurement Time	3 seconds
Power Supply	2 x AAA Batteries
Battery Life	Approx. 11,000 times measurement (when alkaline batteries are used)
International Protection Class	IP65 Dust-tight and Protected against water jets.
ent. Top Page Weight	55(W) x 31(D) x 109(H)mm, 100g (Main Unit only)

Options

- [PAL-CASE](#) : RE-39409
- [PAL Silicone Cover](#) : RE-39413
- [STRAP](#) : RE-39410