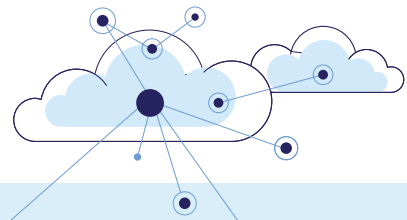# 3 in 1 compact digital solution for milk collection

Introducing

prompt®

SANCHAY

mobile milk collection system

Our unique offering, Prompt Sanchay, is a revolutionary milk collection system with an in-built stirrer and thermal printer. It seamlessly integrates with Prompt mobile applications. It is robust, user-friendly, and suitable for collecting cows, buffaloes, and mixed milk.

KEY FEATURES:

- Measures and records milk fat, SNF, added water, milk density
- Measuring time 40 Sec
- Single curve calibration
- Compatible with solar power
- SD card to store milk analysis, cleaning and calibration log
- Option available for manual cleaning with plunger
- Low Maintenance
- Spare parts are easily accessible
- High repeatability of milk testing results
- One-touch analysis
- Milk collection through Prompt mobile applications

TECHNICAL SPECIFICATIONS:

Measuring Parameters	FAT: 0.0 to 15% with accuracy ±0.1%
	SNF: 3 to 15% with accuracy ±0.15%
	Added water to milk: 0 to 60% with accuracy ±5%
	Density: 1.0220 g/cm³ to 1.0360g/cm³ with accuracy ±0.0005 g/cm³
	Resolution: ±0.01% for Fat, ±0.01% for SNF, ±1% for added water, ±0.0001 g/cm³ for density
	Repeatability: ±0.03% for Fat, ±0.05% for SNF, ±0.5% for added water, ±0.0002 g/cm³ for density
Measuring Time	40 seconds
Milk Temperature	5°C ~ 40°C
Operating Facilities	In-built stirrer, Cleaning, Single curve calibration, Error list, Suitable for Cow/Buffalo/Mixed Milk
	Milk collection through Prompt mobile applications
Display	16 characters by 2 lines with 10mm character heights, alphanumeric LCD display
Keys	5 Push-button keys
Storage	8GB SD card for log and measurement data storage
Interface	3 RS232 Serial ports
	1 USB Host port
	Bluetooth (BLE)
	2" Thermal printer
Power Input	AC Supply: 230V ±15%, 50 Hz
	DC Supply: 12V to 14V DC, 10A
	Solar: 50W
Battery	12V 12Ah LiFePO4
Environmental Conditions	Ambient Air Temperature: 10°C ~ 50°C
	Relative Humidity: 30% to 80%
Power Consumption	Average 80 watts, peak 135 watts with printer
Loose Accessories	RS232 serial cable - 3 Qty.
	Battery power cable - 1 Qty.
	Monthly cleaning solution - 1 Qty.
	Daily cleaning solution – 1 Qty.
	Measuring mug - 2 Qty.
	Operating manual- 1 Qty.
	Plunger - 1 Qty.