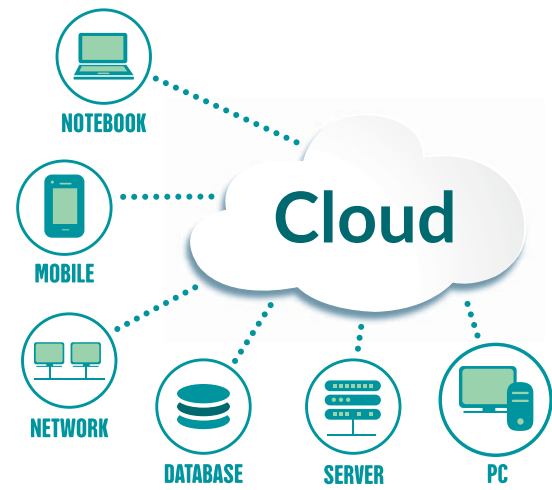


# Nuline<sup>®</sup>

## BOND i7



### Salient Features

- Milk Analyser, Ultrasonic Stirrer & Data Processing Unit in One Unit
- Dual Display 7inch Colorful TFT Screen & 4 Line LCD Display
- Battery (DC) Voltage Display on TFT Screen
- 32bit ARM Microcontroller based embedded design
- Simple, easy to use, economical
- Built in secure calibration procedure
- No Acid or other chemical required • Easy to clean
- Easy to clean
- Fast & Accurate
- Measurement Time-30-40 second
- In built thermal printer
- Interface with USB Keyboard
- Stainless Steel Milk probe horn
- Stainless Steel 304 cabinet
- Developed for indian electricity & Weather condition
- Built in reports
  - Shift summary
  - Member Report
  - Payment Report
  - Duplicate Slip
- Rate Chart download manually/pendrive/server.
- Rate format based on TS (Total Solids) & Fat-SNF rate chart
- (encrypted Excel Format)
- Any weighing scale can be interface in DPU
- Auto Tare (Zero) after the farmer slip printing and data storage automatically
- Import & Export of data to USB drive/Server (GPRS Facilities)  
"Condition Apply"

#### ULTRASONIC STIRRER

Ultrasonic Stirrer having adjustable time & vibration frequency

Input Frequency : 45Hz to 60 Hz

Timer 5 to 30 sec adjustable on TFT Screen

#### DATA PROCESSING UNIT

**Memory:** 8 GB **SPEED:** 220 Mhz

**PROCESSOR:** 32 Bit ARM Cortex M7

#### INTERFACES

**INPUT:** RJ-45-1 Weighing Scale, USB Keyboard

**OUTPUT:** RJ-45-2 Remote Display Unit/Serial Printer, USB Data Import & Export to Pen Drive/Server.

#### GENERAL

**Dimensions:** 400mm x 130mm x 350mm

**Weight:** 5.720 Kg. Approx.

Power Consumption: AC 50 Watt Max. & 12 Volt DC 40 Watt Max.

**Power Supply:** 80 Volt AC to 300 Volt AC/12 Volt DC Inbuilt AVR (Automatic voltage Regulator)

### Technical Specifications

Parameter	Range	Resolution	Accuracy	Parameter	Range
Fat	0 ~ 15%	0.01%	±0.10%	Power Consumption	30 Watt
SNF	0 ~ 12%	0.01%	±0.20%	Ambient Air Temperature	15°C to 50°C
CLR	0 ~ 40%	0.1	±0.50	Ports	RS 232 Serial / Printer
Added Water	0 - 100%	1.0%	±0.30%	Relative Humidity	30% to 80%
Repeatability	± 0.05%			Milk Temperature	5°C to 40°C
Accuracy*	± 0.10%			Power Supply	110 Volts AC to 270 Volts AC / 12 Volts DC
Sample Volume	20 ml				

**\*When Compared with Reference methods under standard Test Conditions.**