

Description

Data Processor Milk Collection Unit (DPMCU) is a dedicated unit, which receive, processes and transmits data. It communicates with the following:

- Ultrasonic Milk Analyzer (UMA) or Electronic Milk Tester (EMT)
- Data Logger (Sr. Pen Drive)
- Remote Digital Display
- 40 Column Dot matrix Printer or 80 Column Dot matrix Printer interface

DPMCU receives the Milk Fat & SNF data from the Electronic Milk Tester/ Milk analyzer through Serial Communication port. Milk weightment data receives from EWS.

DPMCU support the conventional online Village Level Milk collection System (VLCC) by milk producers and also the Milk Contractor's milk collection with appropriation and data processing. It has Dot Matrix for slip printing & various types of report printing facility.

DPMCU has Data Logger interface for data communications between pooling points to BMC/MCC Center/Head Office. Current & future rate Charts, personalization data, MP wise milk collection, milk dispatch, milk receipt at BMC/MCC, and most important security data are communicated through Smart Card/Data Logger in secure mode.

Data communicated to BMC/Head office can be further processed for validations, audit, payment and MIS purpose etc

Features

- Capture Fat/SNF from EMT/Milk analyzer. Internal weight capturing.
- Option for entry of CLR in case of EMT interface.
- Instant processing of data for payment.
- Secured rate chart downloading through Sr. Pen drive.
- Operation with customized 4x7 matrix hexadecimal keypad.
- Data storage for 200 members for Buf. and Cow each separately for 15 days.
- Instant transmission of data through Sr. Pen drive to BMC/MCC center.
- Centralized testing
- Slip print out for member milk transactions.
- Shift end summary.
- Dispatch and Acknowledgement Slips.
- Data Security feature.
- User friendly operation.
- Rugged to work in rural conditions.

Data Processor	Electronic Weigh Scale
<ul style="list-style-type: none"> • Make : REIL • Processor : Microcontroller PIC • Cabinet : MS powder coated/molded Plastic / Stainless Steel. • Keyboard : 4X7 Matrix Keyboard • Display screen : 20 character x 4 lines LCD • Power consumption: 50 Watt Max. 	<ul style="list-style-type: none"> • Make : • Capacity : 60 Kgs./100 Kgs. • Least Count : 10 Grams/20 Grams • Accuracy : 10 Grams(As per CLASS-III) • Resolution : 1/6000 (As per CLASS-III) • Display Mode : Kg. to Ltr. Mode • Load Cell : Single, IP67, SS Grade, • Over Load & Shock Protection : 150% of full load with audio visual indication. • Platform Size : 400 X 400 mm/600x600 mm • Platform Cover : SS 304, 1.6 MM top plate. • Platform Frame : SS 202/Zink anodised, Box pipe screw • Nut and Bolt : SS material • Platform Screw : 4 Shock absorbing rubber Screw with SS Bolt • Display : 6Digit,7Segment Red/Green LED • Mode : Kg./Liter, Net, Tare and Gross • Communication : RS232 Serial • Calibration : Auto Calibration • Load Cell Cable : Shielded cable mounted in heavy duty reinforced conduit • Cabinet : MS Powder Coated or Molded Plastic, IP55. Tactile Keyboard • Power Consumption: 20 Watt Max.
Printer	
<ul style="list-style-type: none"> • Make : WeP/EPSON • Width : 9 Pin 40 Column dot matrix • Speed : 4.5 Lines Per Seconds • Power consumption: 40 Watt Max. <p><i>Optional: 9 Pin; 80 Columns Dot Matrix Printer</i></p> <ul style="list-style-type: none"> • Width : 9 Pin 80 Column dot matrix • Speed : 360 CPS • Power consumption: 80 Watt Max. 	
Data Logger (Sr. Pen Drive)	
<ul style="list-style-type: none"> • Make : REIL • Memory : 128 K Byte , Suitable for Data Communications for 400 MP and other parameter. • Interface : RS232 Serial 	
GPRS- Module - Optional	
<p>Multi-Band GSM / GPRS, Dual Band EGSM 900 / 800 MHz Quad Band GSM 850 / 900 / 1800 / 1900 MHz ,Compliant with ETSI GSM Phase2+ Standard Class4 (2 W @ 250 / 900 MHz) Class1 (1 W @ 1800 / 1900 MHz)</p>	

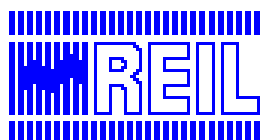
Remote Digital Display	Uninterrupted Power Supply (UPS)
<ul style="list-style-type: none"> • Type : Wall Mounted • Parameter : MP No.:3 Digit; Weight: 5 Digit Fat : 4 Digit; SNF : 4 Digit Rate : 5 Digit; Amount:6 Digit • Interface : RS232 • Display Type : Bright 7 Segment RED LED • Labels for Display: Screen Printed • Cables : 5 Mtr. Data & Power Cable. • Cabinet : MS Powder Coated/ Molded Plastic, IP55 • Power Consumption: 12 W max 	<ul style="list-style-type: none"> • Capacity : 1.0 KVA (Minimum) • Type : Line Interactive Type • Voltage at input : 160 Volts to 280 Volts • Voltage output : 230 ± 10% Volts (AC) • Frequency stability : ± 0.5% • Noise level : <35 db • Full protection : Under/over voltage, Low battery voltage, Over Load, Short circuit • Operating : Temp. 5° C to 50° C, 90% RH, Dusty environment • Battery : 12V, 75AH Industrial Tubular

Regional Offices

Gujarat	A.P.	Karnataka	M.P.	Punjab	Bihar	U.P.
Anand	Hyderabad	Bangalore	Bhopal	Chandigarh	Patna	Lucknow
02692- 261794	040-27000151	080-22295783	0755-2571290	0172-2700504	09507750574	0522-2395512

For further information contact:

Marketing Department: Tel: +91-141-2470784, Fax: +91-141-2470784, E-mail: rakesh.chopra@reil.co.in



RAJASTHAN ELECTRONICS & INSTRUMENTS LIMITED
(An (ISO 9001:2000 "Mini Ratna" Public Sector Enterprise)
 2, Kanakpura Industrial Area, Sirsi Road, Jaipur-302 012 (Raj.) India
 EPABX Tel: +91-141-2470062, 2470363 Fax: +91-141-2470139
 E-mail: rakesh.chopra@reil.co.in Website: www.reiljp.com