

## Rapid Milk Analyser



### System Capabilities:

The system is capable of measuring milk contents like butterfat (%), solid nonfat (%), proteins (%), lactose (%), density and added water (%) in milk.

### System Specifications:

- Portable and user friendly
- Non-contact measurement
- Environmental friendly technology (chemical free)
- Auto calibration at field
- Measurement time: 30-35Sec.
- Accuracy: Butterfat  $\pm 0.1\%$ ; Solid nonfat  $\pm 0.2\%$ ; Protein  $\pm 0.2\%$ ; Lactose  $\pm 0.2\%$  and water  $\pm 5\%$ .

### Targeted Technology Application Areas:

- Milk collection Centers at villages
- Sweet Makers
- Enforcement agencies

### TechnologyStatus:

The technology of has been tested at laboratory and ready for field trials..

### Contact Details:

Dr. PC Panchariya  
Senior Principal Scientist  
Digital Systems Group  
ISL-101/102, ISL Building  
Central Electronics Engineering Research Institute, Pilani-333031 (Raj.)  
Phone: +91-1596-252267(o); +919414743122(M)  
Email: [pcp@ceeri.res.in](mailto:pcp@ceeri.res.in); [panchariya@gmail.com](mailto:panchariya@gmail.com)