



**CSIR-Central Electronics Engineering Research
Institute**
PILANI-333031, Rajasthan
(TECHNOLOGIES FOR SOCIETY)

**Handheld meter for detection of adulteration in milk
(KSHEER-TESTER)**

Targeted System Capabilities:

The system is capable of detecting adulterants such as urea, salt, detergents, boric acid, caustic soda, Lye (NaOH), soda, hydrogen peroxide and many more unknown adulterates in raw milk.

Targeted System Specifications:

- Handheld meter
- Low cost and Single button operation
- Measurement time: 60 Sec.
- Minimum Detection level:
- Urea:1.5gm/l; Salt: 2gm/l; detergent: 2gm/l; soda: 2gm/l; boric acid and hydrogen peroxide in ppm.



Targeted Technology Application Areas:

- Domestic Uses
- Enforcement agencies

TechnologyStatus:

The technology of detection of adulteration in milk has been transferred to M/s Alpine Technologies, Surat, Gujarat (A startup company) (Advance booking)

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