

## **NEW** MASTER LM2-P1 Automatic Milk analyzer



### Main feature:

- Standard vehicle power supply.
- 2 kinds of operation interface in Chinese and English.
- With peristaltic pump, automatic cleaning.
- Quickly and accurately measure milk composition.
- Easy to install, operate, maintain and correct.
- Standard RS232 interface for easy connection to a computer.
- Convenient connection with thermal printer to achieve synchronous printing of data.

- The instrument comes with a storage function that can store 500 sets of test data.
- 60SEC detection speed:  $\geq 60$  samples / hour
- 40SEC detection speed:  $\geq 90$  samples/hour

| Items                 | Range                                             | Accurate                    |
|-----------------------|---------------------------------------------------|-----------------------------|
| Fat                   | from 0.01 to 25%(optional 45%)                    | $\pm 0.07\%$                |
| SNF                   | from 3% to 15%(optional 40%)                      | $\pm 0.12\%$                |
| Density *             | from 1015 to 1040 kg/m <sup>3</sup>               | $\pm 0.3$ kg/m <sup>3</sup> |
| Proteins              | from 2% to 7%                                     | $\pm 0.15\%$                |
| Lactose               | from 0.01 % to 20 %                               | $\pm 0.2\%$                 |
| Added water           | from 0 % to 70 %                                  | $\pm 3.0\%$                 |
| Sample temperature    | from 1°C to 40 °C                                 | $\pm 1^{\circ}\text{C}$     |
| Freezing point        | from -0.4°C to -0.7 °C                            | $\pm 0.005^{\circ}\text{C}$ |
| Solids                | from 0.4 to 1.5%                                  | $\pm 0.05\%$                |
| pH                    | 0-14%                                             | $\pm 0.05$                  |
| Conductivity          | 2-10mS/cm                                         | $\pm 0.1$                   |
| Air temperature       | from 5°C to 40°C                                  |                             |
| Relative humidity     | from 30% to 80%                                   |                             |
| Electrical parameters | AC Power supply 220V/110V(active only on request) |                             |
|                       | DC Power supply 12V                               |                             |
| Dimensions            | W/D/H 110/260/205 mm                              |                             |
| Weight                | 3.1 kg                                            |                             |
| Milk sample volume    | 25 cm <sup>3</sup> (=25 ml) per 1 measurement     |                             |