

## IV-72 MICROPROCESSOR DISSOLUTION APPARATUS

### PRODUCT FEATURES

- Highly accurate and easy to operate
- USB Interface available
- Extremely useful for pharmaceutical labs
- 20 independent programmable setup for routine and sustain mode with storage facility

### SINGLE BASKET



### ACCESSORIES

- Main Unit with acrylic tank, rectangular cover plate and water bath temperature sensor (11) - 1 No.
- Reaction vessel capacity 1000 ml - 1 No.
- Round acrylic cover plate with hole and a large slit - 1 No.
- Stirrer motor - 1 No.
- S.S. Paddle, Stirrer Shaft and Clamp, S.S. Wire mesh basket - 1 Set
- S.S. Support rod - 1 No.
- External temperature sensor (12) for vessel - 1 No.
- Mains Lead - 1 No.
- Instruction Manual - 1 No.
- Dust Cover - 1 No.

### Technical specification

<b>Display</b>	20 x 4 line alphanumeric LCD display with backlit
<b>Keyboard</b>	15 soft touch membrane type keys
<b>LED'S</b>	4 LED's for different status indications. 3 LED's for test status like Run, Alarm.End & 1 LED for heater ON/OFF status
<b>Setup Data</b>	Facility for 20 different test setups available
<b>Printer Attachment</b>	Provision for the attachment of dot-matrix printer with Centronics. parallel port interface available
<b>Speed</b>	25 to 160 RPM $\pm$ 1 RPM
<b>Resolution</b>	1 RPM
<b>Accuracy</b>	$\pm$ 1 RPM
<b>Depth Adjustment</b>	25 mm to 40 mm
<b>Range</b>	30 to 50 °C
<b>Accuracy</b>	$\pm$ 0.2 °C
<b>Temp. Control</b>	Microprocessor based using PT100/ Semiconductor sensor as per IP/USP
<b>reaction vessel</b>	1000 ml jar with stirrer pedal and basket
<b>Heater</b>	0.5 KW