

## Wet Tensile Tester



### 1.0 Product Information:

#### 1.1 General Information

Wet Tensile Tester is equipped with a loading mechanism, heating mechanism and sensing mechanism which are controlled by Microcontroller or PLC and observed on LCD display.

#### 1.2 General Usage

Specimen held in a tube with special tube cap is placed on the specimen tube seat. On press of start button, after curing time the equipment shows wet tensile reading.

#### 1.3 Product Data

| Product Name:               | Wet Tensile Tester                                                                                                                                            |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code:               | VWT                                                                                                                                                           |
| Order Reference Code:       | V0000037                                                                                                                                                      |
| Electrical Supply Required: | 230v 50Hz A.C. (Default)<br>110v 60 Hz A.C (Optional)<br>Single Phase, Stabilized with Over/ Under Voltage cut-off.                                           |
| Electrical Plug:            | M type : 15 Amp Plug                                                                                                                                          |
| Typical Maximum Current:    | 6.9 A at 230V                                                                                                                                                 |
| Compressed air Supply:      | 5 Kg/cm <sup>2</sup> Dry Air                                                                                                                                  |
| Communication:              | <ul style="list-style-type: none"> <li>• RS485 MODBUS RTU</li> <li>• RS232 Serial</li> <li>• Ethernet (Optional)</li> <li>• CloudSync using V-Sync</li> </ul> |
| Dimensions:                 | 350 X 460 X 535 mm (WXBXH)                                                                                                                                    |
| Packing Dimensions:         | 450 mmx 560mm x 685 mm (WXBXH) Typical                                                                                                                        |
| Net Weight:                 | Approximately 53 kg                                                                                                                                           |
| Gross Weight:               | Approximately 63 kg                                                                                                                                           |
| Colour:                     | Factory Default                                                                                                                                               |
| Measuring Range:            | 60 Gm/cm <sup>2</sup>                                                                                                                                         |
| Traceable to:               | NABL Standards                                                                                                                                                |
| Least Count:                | 0.05 Gm/cm <sup>2</sup>                                                                                                                                       |
| Specimen Requirements:      | Required                                                                                                                                                      |

|                        |                                              |
|------------------------|----------------------------------------------|
| Operating Temperature: | 0-50°C                                       |
| Testing Standards:     | BIS: Standard<br>AFS: Optional               |
| Calibration Frequency: | 22500 nos. of Testing Cycles or Once in Year |

### 2.0 Scope of Supply

#### 2.1 Inclusions in Supply Scope

- Wet Tensile Tester.
- Special tube, Special tube cap & Special pedestal cup
- Calibration dead weights set
- Hand gloves set asbestos
- Calibration certificate.
- Instruction manual.

#### 2.2 Exclusions in Supply Scope

- Data interfacing accessories.
- Anything that is not covered under Supply scope.

### 3.0 Recommended Pre-requisite Equipment

[Sand Splitter](#) : To get representative sample ➤

Specimen preparation equipment's to make a standard AFS or Metric specimen.

### 4.0 Accessories

#### 4.1 Calibration Kits

VKHC: For Temperature

Calibration dead weights

#### 4.2 Attachments

NA

### 5.0 Alternative Equipment

NA

### 6.0 Installations Instructions

Required Levelled (2mm) and sturdy platform. (Equipment should be away from external source of vibration or electromagnetic interference.) Other Installation instruction shall be provided along with the equipment.

### 7.0 Consumables

NA

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## 8.0 Hazards

Burning Hazard: Heater temperature 230oC. Don't touch to heaters.

## 9.0 Additional Information

[Link to Web-Page](#) 

*Disclaimer: Specifications and design of equipment may change without prior notice.*