

CIPET:CSTS, KORBA

TESTING EQUIPMENT

E-Tender No. CIPET/KRB/MACHINE & EQP/2019-20/04 DTD. 07.01.2020

14. Environment Stress Cracking Resistance Test Apparatus (ESCR) (Revised)

| S.L. No. | Parameter | Specification |
|----------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | Material Construction | : Inner Body : Stainless Steel (304 Grade) Exterior Body : MS with powder coated Double walled with Poly Urethane (PUF) Insulation |
| 02 | Finish | : Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish, Water outlet system |
| 03 | Bath size | : Please specify (Inner & outer size) |
| 04 | Testing Capacity | : 08 no. of test sample at a time or more |
| 05 | Water Bath Circulation | : Through induction Motor with stirrer |
| 06 | Temperature Controller | : Microprocessor based PID controller, Resolution of 0.1 °C, Accuracy : ±0.5 °C |
| 07 | Temperature Sensor | : PT 100 |
| 08 | Temperature range | : Ambient to 100°C or higher |
| 09 | Time Totalizer Range | : Digital Timer , up to 999.9 Hrs |
| 10 | Heating Load | : upto 3 KW (Minimum) |
| 11 | Power Supply | : 230 V AC, 50HZ |
| 12 | Safety | : High temperature cut-off, Low water level alarm |
| 13 | Standard Accessories | : 1) Cutting die, Nicking jig, Bending cum Transfer Tool, Specimen Holder, Corks, Interchangeable Notching Blades and other necessary items as per requirement. 2) Test Tube & Rubber cork- Minimum 20 Nos. 3) Equipments should come with all essential items & spares required for installation & commissioning. |
| 14 | Equipment should be as per Test Standard | : ASTM D1693 |

Sanjay
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