

Annexure-II

Technical specifications of Falling Weight impact Tester (Dart Type)

Sr. No	Name of Item	Technical Specifications	Qty. Reqd.
1	Falling weight impact tester (DartType)	<ul style="list-style-type: none"> • Hemispherical head dart with diameter (mm): Method A-38.10±0.13 and Method B-50.80±0.13 • Material construction for dart: Stainless steel, Aluminium, Phenolic, Composites as per 1709 ASTM • Weight range (gm): 5 to 2000 with accuracy 0.1 gm • Weight increment (gm): 5,15, 30, 60, 90 and then in step of 100 gm • Height[adjustable] (mm): 0±0.01 to 1500±0.03 • Specimen size(mm): Strips of 240 width • Dart release mechanism: Electro magnetic • Display: Digital • Specimen clamp: Two (Nos) annular clamp with an inside diameter of 125±2.0mm, to avoid slippage by securing crocus cloth/50D garnet abrasive paper • Collar inside diameter: 7mm • Equipment base: rigid metallic plate with bright chrome / zinc plating to provide corrosion resistant finish. • Standard accessories: Instruction Manual, Electrical Wiring Diagram & Calibration Certificate traceable to NABL approved Labs. • Warranty 1 year (optional 5 year) • Vacuum pump(optional) 	1