


<b>Y0762 – CompuTwist</b>	
<p><b>Generic Name:</b> Computerised Yarn Twist Tester  <b>Model No. Y0762</b>  <b>Application:</b> Spinning, Weaving &amp; Knitting  <b>Features :</b>  * Determine yarn twist in single or plied or OE yarn.  * Works under the principle of single &amp; triple untwist-retwist method and direct-counting method.  * Unique variable tensioning device suitable to test all kind of spun yarns.  * Apart from direct TPI, TPM and TM results in digital display, a special computer software package facilitates complete statistical analysis and result in soft/hard copy  * Automatic transferring of programmed parameters from computer to instrument.  * Silent and integrated motor operation with auto-stop and counting control system for precise measurement.</p>	
<b>Technical Specification</b>	
<b>Gauge Length</b> <b>Counting system</b> <b>Control system</b>  <b>Computer Interface</b> <b>Software features</b>  <b>Programmable Parameters</b>  <b>Elongation setting range</b> <b>Tensioning range</b> <b>Power supply</b> <b>Applicable standard(s)</b> <b>Physical Dimensions</b>	1 to 20 inch (1 to 50 cm) Direct result; In-built calculations; Readout in dot-matrix display Microcomputer based pre-selectable / pre-programmable solid-state circuitry control; User-friendly menus with membrane keypad assembly Serial communication port 'RS - 232' (Comport) Front-end language : English; Windows XP/ Windows 7 /Vista compatible; Individual / group Results / analysis; Graphical representation; Bi-directional communication Measurement unit, Sample length & type, Twist direction and Speed index, etc. - 10 to + 100 mm 1 to 90 grams (By calibrated augment weights) Single phase 220vAC @ 50Hz; Consumption : 100 watts ASTM D1422 / D1423 and IS 832 Size (WDH) : 1000 × 300 × 200 mm Weight : 12 Kg
<b>Scope of Supply</b>	
Main Unit Accessories  Spares  Documents	– 1 No. Yarn stand - 1 No., Mains cord - 1 No., Tensioning weight box - 1 No., Software CD - 1 No., Interface cable - 1 No., Hand Scissor - 1 No. and Yarn split needle - 1 No. Glass fuse (800mA) - 1 No., Yarn gripper spring - 1 No. and Yarn gripper washer - 4 Nos. User's guide, Warranty certificate, Test certificate & Calibration certificate
Optional Supply : Computer System and Laser printer	
<b>Pre-requisites for Installation</b>	
Suitable working table, properly earthed and Stabilized single phase 220vAC @ 50Hz ported at 5 Amps supply socket, OS installed computer system with one 'Comport' free for connecting, Test samples and Suitably qualified operator.	