Full Automatic GFRC Flexural & Uniaxial Machine, 50KN capacity, 1N accuracy, sturdy structure with two S. Steel columns, capable of drawing stress-deflection graph for 6 specimens, individually or 6 graph in one page for comparison, capable of transferring data and result to PC with RS232 or USB(cable is included).60*0.01mm accuracy for deflection stroke, pace of rate is variable and pre-set digitally from1-10mm/min. 7 in touch screen FTF display made by Fatek, Taiwan, 50 KN S. Steel load cell. The four point flexural device is included for specimens of sizes 50mm to 120mm wide and 200mm to 300 mm length. Software of transferring data and drawing graphs and calculation of stress are included. Meet the ASTM C947, this machine is offered in two versions.

Standards:
ASTM c947

Model: 2224011 and 2224022

This machine consist of:

1– Capacity 50kN, accuracy 1N.

2- Steady State Speed of Ram, 1-10mm/sec .

3- Stroke: 60*0.01 mm

4- 7" Touch TFT Screen Display

5- sturdy structure with two S.Steel columns

6- Able to test three and four flexural and uniaxial test

6- Automatic process of testing, controlled by PLC and software.

7- The four point flexural device is included.

8- capable of transferring data and result to PC with RS232 or USB

9- capable of drawing stress-deflection graph for 6 specimens, individually or 6 graph in one page for comparison.

10- suitable for specimens of sizes 50mm to 120mm wide and 200mm to 300 mm length and

  6-40 mm thickness.

11- Software of transferring data and drawing graphs and calculation of stress are included

12- Model 2224011, 110V, 60Hz.   Model 2224012, 220V, 50Hz.

13- Dimension : 650x470x1060 mm

14- Weight :96kg