



Looking to the recent requirement of Educational Institutions we have developed a IF-12 frequency monitoring interface module with microprocessor training kit 8085 **OMEGA TYPE OEJ-85A** Frequency Monitoring Unit which can be easily interfaced with 8085 Microprocessor Trainer with the help of a flat cable connected 50 pin FRC connectors both sides. These can be also interfaced with IBMPC, XT / AT with the help of a 96 BIT TTL I/O experimental interface Omega Type IFB1.

Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

- 01 To Calibration of Equipment using Input signal of 50Hz Square wave.
- 02 To Monitor the Unknown Frequency by in putting various frequency on input terminal.

FEATURES

The board consists of following built in parts.

- 01 5V at 100mA IC Regulated Power Supply usign Adopter.
- 02 One no. Zero Crossing Detector IC-LM 339.
- 03 Unit works with input frequency of the Function Generator.
- 04 One number 50 pin FRC connector.
- 05 Easy to interface with OMEGA TYPE OEJ-85A/ OEJ-86/1BMPC.
- 06 The unit is operative on 230V \pm 10% at 50Hz A.C. mains.
- 07 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observations.

OTHER APPARATUS REQUIRED :

- 01 Microprocessor Training Kit 8085 OMEGA TYPE OEJ-85A.
- 02 Audio Frequency Generator OMEGA TYPE AO-300.

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS