

Product Code

- UTCU-0320 Interface Unit with 4 Channel for Data Acquisition
- UTCU-0325 Interface Unit with 8 Channel for Data Acquisition
- UTCU-0330 Advanced Interface Unit with 4 Channel for Data Acquisition
- UTCU-0370 Datalogger, 4 Channel for Data Acquisition and Record

Interface Units are a sophisticated data acquisition unit which provides the link between software and the transducers connected to the test equipments.

UTCU -0320 Interface Unit is used at triaxial tests and consolidation tests or for general data collecting purposes.

The main characteristics of UTCU -0320 and UTCU-0325 are:

- 4 channel UTCU-0320 model
- 8 channel UTCU-0325 model
- High resolution : 16M points (effective 260.000 points)
- Large permanent memory
- Ethernet port for PC connection
- CPU card by microprocessor 32 bit ARM risk architecture
- 10 (sample/sec) / channel
- 24 bit A/D Converter (260.000 effective divisions),
- Digital gain selection, suitable for potentiometric transducers
- mv/V Sensors (pressure transducers, load cells, linear transducers)
- 4 Mb Memory

UTCU-0330 Interface Unit has 4 channel for data acquisition and suitable for strain gauges and strain gauge type transducers (Pressure, force, displacement, vb.). A/D convertor is 24 bit. 1 micro strain resolution. Max sampling frequency 10 kHz.

UTCU-0370 Datalogger, 4 channel data acquisition and recorder unit, 32 bit, analog input, output and an encoder input. Can be connected DC voltage, currency, strain gauge, rasyometrik and resistance, thermocouple, RTD(PT100 and PT1000) type sensors. Max sampling frequency 1 kHz. A/D convertor.

The following free UTEST Softwares are supplied with Sensor Interface Units and the Datalogger.

- USOFT-0320 Software for UTCU-0320
- USOFT-0325 Software for UTCU-0325
- USOFT-0330 Software for UTCU-0330
- USOFT-0370 Software for UTCU-0370



UTG-0320



UTG-0325



UTG-0330



UTG-0370