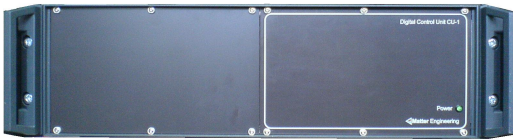


CU1-ET

- **Digital data acquisition unit for NanoMet-C**



- **Allows remote control of most functions**
- **Logging of various analog inputs simultaneously**
- **Easy to install, easy to use and compact in convenient 19" rack module.**

SHORT DESCRIPTION AND APPLICATIONS

Every instrument should have an easy way to store data and organise the information collected during testing and measurement programs. The CU1-ET data acquisition unit allows just this. It collects data through its NanoMet-C Software program and stores data in open, easy to analyse .txt format.

Another attractive features of this unit is the use of the remote control function. This allows the user to change settings through their own computer without having to leave their workstation. Most features are variable through remote including the dilution factor, temperature of the block, activate dilution air or air supply for the secondary diluter as well as some functions for the secondary diluter. LED indicators and other error signals will also show on the remote control panel indicating that there is a problem with measurement.

The CU1-ET data acquisition unit can be connected to a PC or network. This means that data can be saved at one work station and accessed at another.

Different instruments may be connected simultaneously and the user has the option to manually define the name for each analogue input channel.

TECHNICAL SPECIFICATIONS

Dimensions	
length	350 mm
width	485 mm, 19" rack mountable
height	135 mm
weight	5.6 kg

Operating system requirements	
PC	IBM compatible
CPU speed	
RAM	
free hard disk space	
communication port	TCP/IP over Ethernet, RJ45 socket

IP protection degree	

connections	
connection to CPC	RS-232 serial connection
electric connector to ASET15-1 unit	25 pin Sub-D connector
electric connector to MD19-2E control unit	25 pin Sub-D connector

Configurations for CPC models:	TSI 3010
	TSI 3010D
	TSI 3025A
	TSI 3790
Configurations for:	LQ1-DC
	PAS2000

Additional inputs:	
several additional analog and digital inputs	

Operating requirements:	
Power supply	230 or 110 VAC

Note: This document and technical data of the hard- and/or software may be changed by Matter Engineering AG at any time without notice.

Wohlen, 21.07.2007, K Slattery