Data acquisition controller
M-BOX UNILOG   M-BOX OEMLOG

M-BOX - ANALYSIS - OPTIMALISATION - BENEFITS - SAVINGS

- Measured data are written to a high capacity media (MMC) – up to 1GB of data
- Data acquisition from any device or converter equipped with a serial interface
- Support for various communication protocols at many data rates
- A simple (non-time consuming) measurement and regulation support
- Data distribution to stand-alone control systems and single-purpose machines
- M-BOX firmware change is accomplished just by inserting a memory card containing all the necessary files

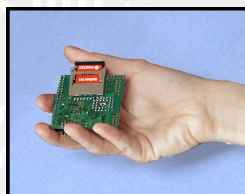## Stand-alone data acquisition

M-BOX   UNILOG

Fast data transfer to a PC

M-BOX is delivered in two basic versions

UniLog

- Industrial version mounted to a DIN moulding ribbon
- 230V AC power supply, can be changed according to a customer demands
- Galvanic insulated serial interface RS485 and RS232
- Possibility to connect to various measuring devices
- Ability to measure using it's own inputs
- Ability to execute regulation or control algorithms
- 6-digit 7-segment display
- 3 control buttons
- Several digital inputs
- Analogue inputs
- Two relay (driving) outputs
- Firmware and application changes are done by copying appropriate files to a memory card and the device restart
- Applications and PC utilities are available for download on the manufacturer's web

OEMLog

- An embedded module
- A connection of the device to your application as done via seriál interface (0/+5V levels) using ASCII or a proprietary binary protocol and via II2C
- A system similar to the MS DOS disk services is implemented
- Other peripherals as RTC, digital an analogue inputs, digital outputs, PWM output, programmable frequency output are available for free use.
- 5V power supply