



Control Unit / Function Generator type SyCore



A multi-function instrument for signal analysis, signal generation and system control

SyCore (system core) is an all-round control and measurement device. Similarly to a computer it is able to take over several functions.

SyCore means HiTech:

SyCore is a completely new device concept that makes available a standardised hardware set, together with software modules covering a wide range of applications. The compact unit features a 32-bit micro-processor for fast and flexible operation and a high degree of modularity.

SyCore and multi-functionality:

SyCore can be used as a programmable arbitrary waveform generator as well as a multi-channel measurement acquisition system with digital oscilloscope functionality. IEEE 488.2 and RS 232 interface are both included.

SyCore and Windows:

A clearly arranged, and simple to operate Windows software package permits simple access to the SyCore analysis and synthesis functions.

SyCore and the pleasure to measure:

As many as six analog measuring channels can acquire voltage, current, frequency, power, power factor or harmonic distortion in either real time or multiplex operation. Optionally a digital I/O card, with a further 16 inputs and 16 outputs, allows a full check of the EUT as well acquisition of measurement values.

The result: complete measurement documentation !

SyCore and EMC-standards:

SyCore is the ideal signal generator for many of the low-frequency immunity test specifications. Up to four analog output channels can be synchronised, with the option that as many as four further channels can be added to, or multiplied by, these channels.

The result: complete mains simulation !