CS18 Optional Extras

Overview

In its standard configuration, every CS18 calibration system is optimized for a specific practical application. Its performance, however, can be extended by means of optional extras.

On customer's demand, dedicated options can be compiled and offered with the system.

Software-Options	
TEDS	**Calibration of sensors with integrated electronic data sheet (IEEE P1451.4)** Reading and writing of calibration data in TEDS-modules of ICP®-sensors. In combination with the option PR this can also be used for piezo-resistive sensors.
Data Base	**Data Base Connection** Basic package of CS18 Software for connection to a sensor or measuring instruments data base of customers, plus individual adaptation charged on T&M basis
CSDB	**Data Base Interface to a Microsoft® SQL Server** Safe and comfortable storage / retrieval of sensor and calibration data (including test configurations) by means of a SQL-Server
PHASE	**Phase-calibration, Determination of angle of phase difference** Phase-calibration of sensors; in conjunction with optional extra CAL-Q-U-ICP® also applicable to charge and voltage amplifiers
CAL-Q-U-ICP®	**Calibration of gain magnitude of signal conditioners (incl. CAO reference capacitors)** Calibration of gain magnitude of charge, voltage and ICP® amplifiers; can also be used in conjunction with optional extra PHASE to determine the phase shift of charge and voltage amplifiers
MS-C	**Multi-sine calibration of sensors** Reduced calibration time by simultaneous excitation of several frequencies
Hardware-Options	
CS18 ZK-STD	**Accessories Case for CS18 Acceleration Calibration Systems** Contains, amongst others, numerous mounting adapters, a torque wrench, electrical adapters ... When equipping a new calibration laboratory this case should always be included as basic equipment.
CS18 ZK-HOP	**Accessories Case for CS18(P) HS** Contains, amongst others, replacement projectiles for the SE-221 HOP-HS, sensor cables, hearing protection ... When installing a CS18(P) HS, this case should always be included as basic equipment.
PR	**Integrated signal conditioner allowing direct connection of piezo-resistive sensors** Programmable sensor power supply to PR sensors and VC types; includes software for the measurement of electrical parameters of PR sensors (bridge resistors, zero drift etc.)
Sensor Supply	**Integrated signal conditioner for sensor supply of VC types**
Mobil	**Transportation trolley or case for on-site calibration** Available for CS18 Secondary Calibration Systems except for the VLF
PRIMUS	**Hardware and software addendum to primary calibration according to ISO 16063-11** For upgrading a secondary system - type CS18 HF or CS18 VLF
TRANS	**Option to determine the transversal transfer coefficient as a function of operating angle** for CS18 VLF systems, measurement of transfer coefficient as a function of angle and frequency, a valuable tool to determine the cross sensitivity of sensors
Other Options	
AMC	**Annual Maintenance Contract** This contract includes the annual recalibration of a CS18 system, the recalibration of a reference standard accelerometer, software updates for all supplied working modes and extended support.
MUB	**Determination and compilation of an individual measurement uncertainty budget in the framework of supplying a CS18 calibration system** The MUB will be determined at the customer's site for the respective mode of operation and type of equipment by tests and investigations at the final place of operation

All data are subject to change without notice