



## **ACO 07** **Crimp Force Monitor**

- Simple display and user interface for ease of learning and use
- Network compatibility and remote control possible via PC or PLC

QUALITY ASSURANCE

# ACO 07

## Concept

The ACO 07 includes numerous new functions, capabilities and features compared to its predecessor, the ACO 05. Features such as faster processing times and a VGA monitor interface make the ACO 07 very powerful and convenient.

The multilingual display is controlled by only a few keys making it very simple to learn and use. All key functions and parameters can be downloaded and the unit can be locked by a key switch for better quality control.

Each device includes the WinCrimp PC software for crimp curve analysis. The optional statistical version of this software can store measurement data and statistics

## Options

- TCP/IP interface for networking
- CHM device interface (Digimatic) for crimp height verification
- Additional RS232 interface for PullTest devices for pull force verification
- Direct connection to other devices without a PC
- WinCrimp statistical software

## Application

The ACO 07 can be used with Schleuniger bench top crimping presses to monitor standard crimp applications. The standard VGA monitor interface allows the user to connect a simple monitor to the device without a PC to aid in trouble shooting. The ACO 07 can be activated/updated remotely via PC or by PLC for special applications.

Units can be networked together with other Schleuniger quality assurance devices. All units can be monitored from a PC with the WinCrimp software to form a crimp quality data management system.

| Technical specifications    |  |
|-----------------------------|--|
| Measurement Range           | 0 – 15kN (optional up to 100kN)  |
| LCD-Display                 | Single channel: 2 x 16 characters  |
| Languages                   | German, English, French, Italian, Spanish, Portuguese, Czech, Polish   |
| Interfaces                  | VGA (640 x 480) optional: Digimatic (CHM), RS 232 (PT),  |
| Triggering                  | Calculated internal triggering or external triggering  |
| Reference Crimps            | 1 – 20 (programmable)  |
| Baud Rate                   | Up to 115200   |
| Operating Temperature Range | 10° - 50° C (50° - 122° F)   |
| Operating Voltage           | 12 – 24 VDC (± 10%) // External power supply, 110 V – 220 V  |
| Power Consumption           | Max. 10 W  |
| Analysis                    | Software for multi-channel monitoring with optional statistical analysis   |
| Network Compatibility       | Via RS 232 or Ethernet (TCP/IP) via WinCrimp LAN or WLAN   |
| Dimensions (L x W x H)      | 150 x 150 x 70 mm (5.9" x 5.9" x 2.8")   |
| Weight                      | ca. 400g (0.9 lbs.)  |
| Protective Class            | IP 20  |
| CE – Conformity             | The ACO 07 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility. |