



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	
Measuring Range	0 – 15 kN (optional up to 100 kN)
LCD Display	Single channel: 2 x 16 characters
Language	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
Crimp Reference	1 – 20 (programmable)
Baud Rate	Up to 115200
Operating Temperature	10° - 50° C (50° - 122° F)
Line 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.)
Safety	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.