

Crimping Line

Auto Clip Gun Tester APT-Clip

Motorized checking device for cable tie tighten pistols



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Defective or incorrect adjusted clip guns may cause dangerous damages to wiring harnesses. The Auto Clip Gun Tester APT-Clip is used to evaluate the pull force of clip guns. The checkup is carried out by using cable ties, which were automatically drawn and cut by the clip gun in the checking device. The maximum pull force is indicated in the display and can be compared with the guidelines of the manufacturer. If necessary, the clip gun has to be readjusted and the checking procedure repeated until the correct value is set.

Performance Features

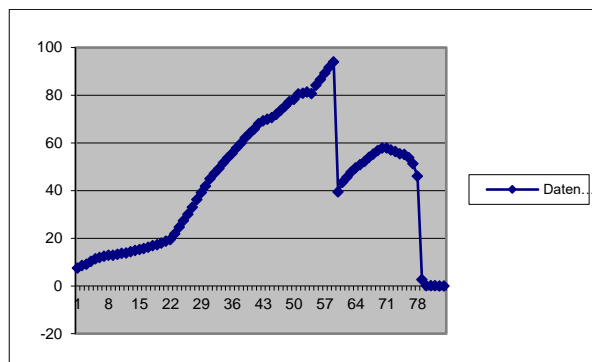
- The universal clip gun holder permits the inspection of various makers and models.
- The maximum pull force is indicated on the LCD display in real time mode
- The pull force can be displayed in N, lb or kg
- Steady and repeatable measuring due to electric motor drive
- The maximum pull force is being calculated
- The Auto Clip Gun Tester APT-Clip complies with international standards
- Calibration certificate on request
- PC Software Windows-based with interface to Excel





"Your monitoring specialist"
certified ISO 9001 + ISO 14001

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Typical tension diagram of a clip gun

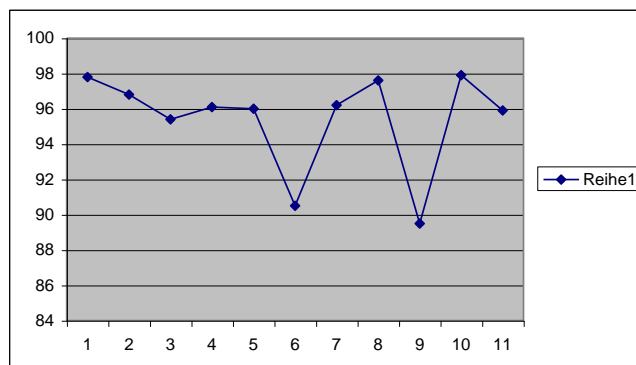


Chart of a measuring series of a clip gun

Makers and models of cable ties tighten pistols, which have been tested successfully:

Hellermann Tyton:

- ⊗ MK3SP
- ⊗ MK3PNSP2*
- ⊗ MK6
- ⊗ MK9RE
- ⊗ MARK7
- ⊗ MARK7P*
- ⊗ MARK9
- ⊗ MARK9P*

- ⊗ EVO7 /
- ⊗ EVO7SP
- ⊗ EVO9 /
- ⊗ EVO9SP

Panduit:

- ⊗ GS2BL/GS2BE
- ⊗ GS4H
- ⊗ PPTS Tension*
- ⊗ GTH

Thomas & Betts:

- ⊗ ERG50P*

*an adapter is necessary for pneumatic clip guns

More Benefits

- ⊗ No damage of the clip gun during testing due to safety clutch
- ⊗ No risk of injury due to safety cover and limited force
- ⊗ Annual calibration of the APT-Clip can be carried out at customer premises
- ⊗ Even pneumatic clip guns can be tested (adapter necessary)
- ⊗ Serial Interface for transmission of the measuring data to a PC
- ⊗ Input-/Output Interface for controlling and output of functions
- ⊗ Power supply 100 – 240 Volt 50/60 Hz

Technical Data

- ⊗ Force indication N, kg or lbs
- ⊗ Resolution 0.1 N
- ⊗ Pull speed 100 – 200 mm/min
- ⊗ Data output Analogue Voltage; RS232 (data transfer to PC)
- ⊗ Interface Zero, Start, Enter, Stop
- ⊗ Output signal Pull force, Home, Position
- ⊗ Dimensions (W x D x H) 180 x 470 x 320mm
- ⊗ Power 100 – 240 V / 19.2VA
- ⊗ Weight approx. 12 kg