



TTP 4000
Thermal Transfer Printer

MARKING

TTP 4000

Description

The TTP 4000 is a programmable thermal transfer printer for highest quality printing results. Its innovative printing process allows marking of cables with texts, barcode and graphics (e.g. logos) in excellent resolution for maximum readability. Additionally, the TTP 4000 is very user-friendly and can be fully integrated in automatic processing lines or alternatively be operated as a stand-alone benchtop printing unit.

Marking Possibilities

- Date fields
- Consecutive numbering
- Logos / graphics
- Single-line text
- Multi-line text
- 2-side marking
- Special characters

Function

The TTP 4000 combines two main processes in a single unit to achieve high quality abrasion-resistant printing results. In the first step, a transfer foil with the elements to be printed (text / graphics) is prepared. Subsequently those elements are printed on the cable in a hot stamp marking process. A special roller mechanism allows marking 360° around the cable. One of the benefits of circumferential marking is a significantly better readability as font sizes can be increased compared to conventional printing methods. Cables can also be marked on both sides if needed.

Simple Programming

- Full integration with Cayman PC software
- Simple import of graphics (PCX)
- Entry of all parameters via panel, external keyboard or laptop possible

Technical specifications	
Raw Material Diameter	2 – 15 mm (0.08 – 0.6")
Marking Length	Max. 80 mm (3.15")
Marking Height	Max. 20 mm (0.79") (in roller mode)
Thermofoil Size	86 mm x 300 m (3.38" x 328.08")
Receptor Slide Size	100 mm x 150 m (3.93" x 164.04")
Foil Consumption	3 – 30 mm (0.12" – 1.18") (depends on size and font)
Marking Colours	Black, white other colours available on request
Marking Process	Stamp mode or roller mode
Compressed Air Connection	5-6 Bar, non-oiled, dried and filtered compressed air
Power Supply	1L / N / PE AC 240 V 50 Hz or 1L / N / PEAC 110 V, 60 Hz
Interfaces	RS 232, Parallel Interface or Ethernet
Dimensions (W x D x H)	330 x 700 x 380 mm (13" x 27.56" x 14.96")
Weight	33 kg (72.75 lbs.)
CE-Conformity	The TTP 4000 fully complies with all CE and EMV equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important Note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.