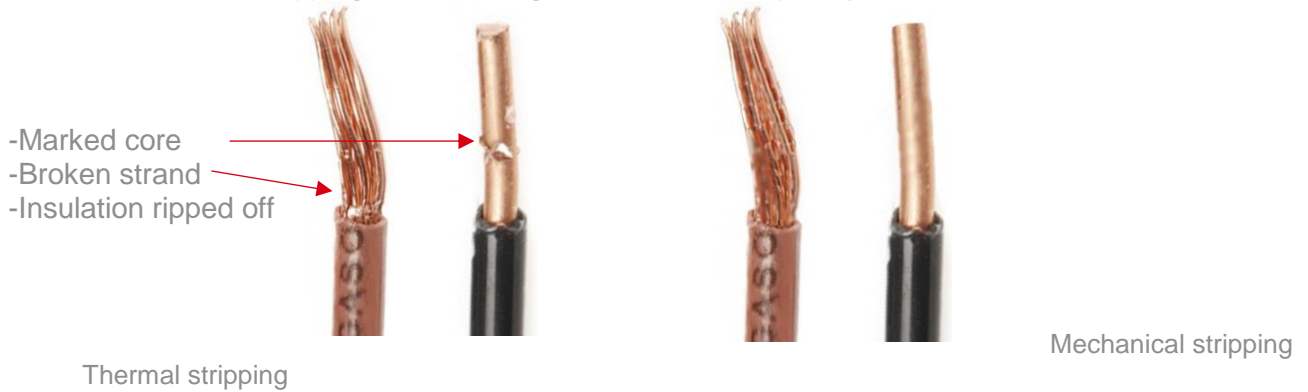


Thermal stripping

Why Choose thermal stripping

Thermal stripping removes insulations and cable sheaths made of resistant materials by applying heated electrodes at an instantaneous and very high temperature.

In the case of mechanical stripping, the following disorders are frequently observed :



In addition, the use of the scalpel presents risks of injury.

Thermal stripping solves these problems and makes it possible to treat very resistant insulations.

FTM Technologies thermal strippers

Our Strippers are the result of decades of experience and have been adopted by the most demanding industries (aerospace, military, railway, biotech...)

Our products are included in the recommendations of major aircraft manufacturers (Airbus Aeronautics, Airbus Helicopters, Dassault Aviation, Safran...)

They are able to strip Teflon®, Tefzel®, Kapton®, Kynar® and many other insulated wires.

The thermal stripper consists of :

- ✓ Power box with state-of-the-art electronics :
 - Almost instant temperature rise
 - Existing box in version "warm to grip" or "contactor on clamp"
 - LCD display model for fine adjustment of heating temperature from 0 to 99
 - Available for any type of power supply : 230 V- 50 Hz or 110 V- 60 Hz
 - Delivered with a wire brush
- ✓ Clamp with clever design :
 - Ergonomic grip
 - Width stop to prevent the electrodes from touching each other
 - Depth stop for stripping the exactly desired length of thread, with the possibility of a measuring strip
 - 6 models of thermal pliers or knives available
- ✓ High performance electrodes :
 - Electrodes made of Ni Cr alloy with high thermal performance
 - Interchangeable and economical electrodes
 - Multitude of electrode models that can meet all types of insulation and gauge.

Recently, an antistatic thermal stripper has been developed for ESD environments.

Thermal stripping set – switch tray

Triggering when taking the plier



Electrodes EEDT2

+



Control box BDT1A

+



Stripping plier PC3N

Technical data of the control box	
Mains supply	230 V – 50 Hz
Variable secondary mains supply	Variable from 0 to 2,1 VAC
Power	80 W
L x W x H	250 x 95 x 150 mm
Triggering of the heating	On gripping of plier

Thermal stripping set – contact trigger plier

Best possible layout of the work station



Control box BDT3A
EEDT2

+



Stripping plier PC3NC

+



Electrodes

Technical data of the control box	
Mains supply	230 V – 50 Hz
Variable secondary mains supply	Variable from 0 to 2,1 VAC
Power	80 W
L x W x H	250 x 95 x 100 mm
Triggering of the heating	When closing the clamp

NOUVEAU ThermoStripper-c set



*Precise adjustment of the heating through LCD display
ESD compliant
Universal mains supplies : 110 – 230 V / 50 – 60 Hz*



Control box BDTs-C

+



Striping plier PC3NC

+

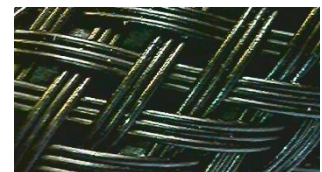


Electrodes EEDT2









Technical data of the control box

Mains supplies	230 V – 50 Hz or 110 V – 60 Hz
Secondary mains supply	Variable from 0 to 2,1 VAC
Power	90 W
L x W x H	250 x 95 x 100 mm
Triggering of the heating	When closing the clamp
Setting of temperature	Graduation from 0 to 99 on the LCD display
ESD compatibility (ESD special plier)	Ground electrode connection through 1MΩ resistance

The ThermoStripper-c is compatible with our standard pliers. For use in ESD environment, it is necessary to use our specific pliers with an antistatic sheath : PC3NC-ESD



Our range of electrodes for pliers PC3N – PC3NC

Electrodes	Description	Electrodes	Description
EEDT2 	Universal electrodes delivered as standard, in flat wire with notch for wire stripping AWG 8 to 28	ELECT-STD 	Straight electrodes without notch for stripping
EDT2P 	Flat wire electrodes without notch for stripping small gauges (> 25)	ELECT-A 	Straight Wire Stripping Electrodes AWG 26-28-30-32
TEDT2 	Rigid flat plate electrodes for AWG 8 to 28 wires, allowing pulling back of insulation.	ELECT-B 	Straight Wire Stripping Electrodes AWG 18-20-22-24
EDT2PA 	Flat wire electrodes for sheath / stripping and large cables up to AWG 4	ELECT-C 	Straight Wire Stripping Electrodes AWG 22-24-26-28

Accessories



KIT.REG
Allows direct reading of the stripping length



SLUG REMOVER
Grip allowing to pull back insulation safely

For more specific needs we offer a range of additional pliers

Plier	Description	Control box	Electrodes
<p>PC4N</p> 	<p>Special stripping pliers that allow sheath removal anywhere on the cable</p>	BDT1A	<p>EDT2PA</p> 
<p>PC4NC</p> 		BDT3A and BDT5-C	
<p>PC3NP</p> 	<p>Lightweight and handy for small wires</p>	BDT1A	<p>EPNP</p> 
<p>PC3NEG</p> 	<p>Plier with electrodes for small gauges</p>	BDT1A	<p>EG182022</p> 
<p>PC3NEGC</p> 		BDT3A and BDT5-C	
<p>PC3/5</p> 	<p>Plier for twisted wires, its constant pressure device allows the electrodes to match the circumference of the wire to be stripped.</p>	BDT1A	<p>EEDT2</p> 
<p>PC3/5C</p> 		BDT3A and BDT5-C	
<p>CCT</p> 	<p>Thermal knife that allows longitudinal cutting or stripping of very large sections.</p>	BDT1A	<p>LAM1</p> 