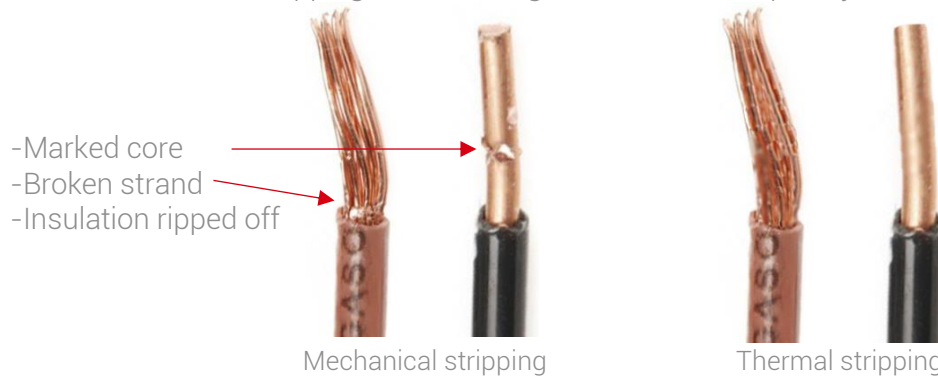


Thermal stripping

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"
 - OLED display model for fine adjustment of heating temperature from 0 to 100
 - Available for any type of Mains 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, with the option of a ruler kit
 - 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.

An antistatic thermal stripper is proposed for ESD environments.

Thermal stripping set – switch tray

Triggering when lifting the clamp



Control box BDT1A

+



Stripping plier PC3N

+



Electrodes EEDT2

Technical data of the control box	
Mains supply	230 V – 50 Hz
Secondary current	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	Lifting of clamp

Thermal stripping set – contact trigger plier

Total clearance of the work plan



Control box BDT3A

+



Stripping plier PC3NC

+



Electrodes EEDT2

Technical data of the control box	
Mains supply	230 V – 50 Hz
Secondary current	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	Contact button on the clamp



Thermostripper

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



Control box BDT3 TS

+



Striping plier PC3NC

+



Electrodes EEDT2

Technical data of the control box

Mains supplies	230 V – 50 Hz or 110 V – 60 Hz
Secondary current	Variable from 0 to 2,1 VAC
Power	150 W
L x W x H	220 x 95 x 100 mm
Triggering of the heating	Contact button on the clamp
Setting of temperature	Graduation from 0 to 100 on the OLED display
ESD compatibility (ESD special plier)	Yes

The Thermostripper is compatible with our standard pliers.



For use in ESD environment, it is necessary to use our specific with an antistatic sheath : PC3NC-ESD













pliers

Indicative temperature chart

The temperature reached will depend on the type of electrodes used. The chart below is made for EEDT2 electrodes. These values are indicative and we recommend carrying out a preliminary test.

BDT3A Or BDT1A Graduation	BDT3 TS Graduation	Stabilized temperature °C	Insulation
	10	70	
	20	130	PE, PVC
1	30	250	Nylon, Kynar
2	40	350	Tefzel, Silicone
4	50	450	PTFE
5	60	520	PTFE
6	70	600	PTFE
8	80	700	Kapton
10	90	780	Kapton
	100	880	Kapton

Our range of electrodes for PC3N – PC3NC clamp

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
EDT2P 	Flat wire electrodes without notch for stripping small gauges (> 25)	ELECT-A 	Straight Electrodes with notch AWG 26-28-30-32
TEDT2 	Rigid flat plate electrodes for AWG 8 to 28 wires, allowing pulling back of insulation.	ELECT-B 	Straight Electrodes with notch AWG 18-20-22-24
EDT2F 	Flat wire electrodes for sheath stripping and large cables AWG 8 to 12	ELECT-C 	Straight Electrodes with notch AWG 22-24-26-28
EDT2PA 	Flat wire electrodes for sheath stripping and large cables AWG 4 to 8	EEDT4 	New Flat wire electrodes, one with double notch allowing stripping AWG 8 to 36

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> 	Special stripping pliers that allow sheath removal anywhere on the cable	BDT1A	<p>EDT2PA</p> 
<p>PC4NC</p> 		BDT3A and BDT3 TS	
<p>PC3NP</p> 	Lightweight and handy for small wires	BDT1A	<p>EPNP</p> 
<p>PC3NEG</p> 	Plier with notched electrodes for small gauges (AWG 18-20-22)	BDT1A	<p>EG182022</p> 
<p>PC3NEGC</p> 		BDT3A and BDT3 TS	
<p>PC3/5</p> 	Plier for twisted wires, its constant pressure device allows the electrodes to match the circumference of the wire to be stripped.	BDT1A	<p>EEDT2</p> 
<p>PC3/5C</p> 		BDT3A and BDT3 TS	
<p>CCT</p> 	Thermal knife that allows longitudinal cutting or stripping of very large sections.	BDT1A	<p>LAM1</p> 