

Section 9: Tools and Equipment

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Accessories for the Installation of Heat Shrinkable and Cold Applied Products

FH-1630 Torch Assembly

The FH 1630 torch assembly for rapid installation of heat shrinkable materials offers maximum burning efficiency and the best available balance of surface preheat. All system components are fully compatible.

FH-1630-S-HNZ Torch handle

Torch handle with holder and shutoff valve for use on all FH 1630-S nozzles, -PIE regulators and hoses.

Nozzle connection thread: R3/8", right
Hose connection thread: R3/8", left



FH-1630-S-HSZ Torch handle

Torch handle with holder and shutoff valve and pilot/full flame lever for all FH 1630-S nozzles, -PIE regulators and hoses.

Nozzle connection thread: R3/8", right
Hose connection thread: R3/8", left



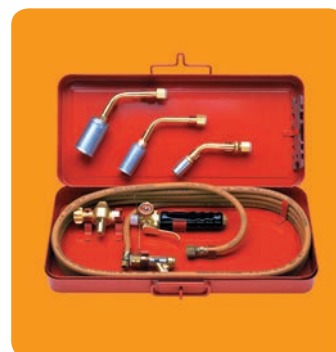
Nozzles for FH-1630-S handles

	Nozzle Ø	Gas Consumption Max
	(mm)	(kg/h)
FH 1630-S-BN28	28	0.46
FH 1630-S-BN38	38	0.90
FH 1630-S-BN50	50	2.00
FH 1630-S-PN17 (for plumbing)	17	0.24



FH-1630-S-MC10 Torch box with content

Torch box of red enamelled galvanised steel, three nozzles BN28, BN38, and PN17, one torch handle HSZ, one constant pressure regulator R1, one automatic cut-off valve CV, one 5 m high pressure hose SW5.
Weight: 4.8 kg
Size: 450 x 210 x 74 mm



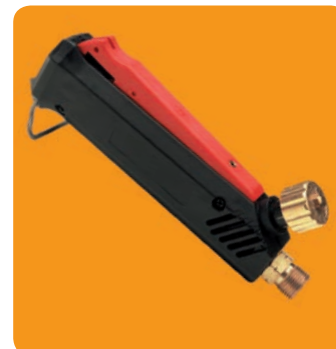
**FH-1630-S-BH20
Compact gas bottle**

This highly portable lightweight gas bottle is supplied complete with a robust carrying hook and a stand for the work bench or desk top. The bottle and stand are finished in red enamel and the unfilled bottle weighs only 1.45 kg.
Capacity: 0.425 kg

**FH-1630-PIE
Torch handle**

Torch handle with Piezo automatic ignition. Gas flow with pressed trigger only.

Nozzle connection: bayonet socking
Hose connection thread R3/8", left

**Nozzles for
FH-1630-PIE handle**

	Nozzle Ø	Gas Consumption Max
	(mm)	(kg/h)
FH 1630-PIE-BN28	28	0.46
FH 1630-PIE-BN38	38	0.90
FH 1630-PIE-BN50	50	2.00
FH 1630-PIE-PN18 (for plumbing)	18	0.24

**Constant pressure
regulator
for all FH-1630 hoses**

Applicable on propane gas tanks with a capacity of 5 kg to 11 kg.
Gas flow: max 6 kg/h
Constant pressure: 2 bar
The constant pressure regulator screw connections are compatible with all FH-1630 high pressure hoses.

	Hose Connection Thread	Gas Bottle Connection Thread
FH 1630-PIE-R1	R3/8" LH	W21.8 x 1/14" LH DIN/Combi
FH 1630-PIE-R2	R3/8" LH	W20 x 1/14" LH POL
FH 1630-PIE-R3	R3/8" LH	W20 x 1/14" LH SHELL

**High pressure hoses for
all FH-1630 handles**

Fitted with screw connections for all FH-1630 constant pressure regulators and torch handles.

Internal diameter: 4 mm
Connection threads: R3/8" LH
Colour: orange

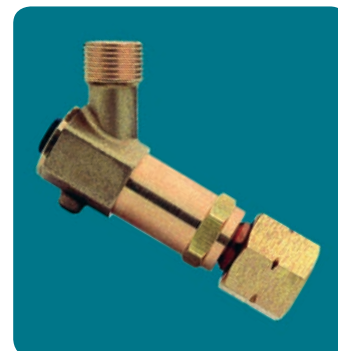
FH-1630-PIE-SW4 4 m length
FH-1630-PIE-SW5 5 m length
FH-1630-PIE-SW10 10 m length



FH-1630-PIE-CV
Automatic cut-off valve

The automatic cut-off valve is fitted between the hose and the constant pressure regulator and cuts off the gas supply in the event of damage to the hose or torch handle.

Connection threads: R3/8" LH


FH-1630-PIE-LGS
Safety valve

The safety valve is a combination of FH-1630-PIE-R1 and FH-1630-CV, including an automatic gas leakage device.

Max. hose length: 10 m


Torch holder

The snap-fitting torch holder enables the torch to be put aside in a convenient clean and safe position during installation work in the field. Galvanised steel.

	Nominal diameter of fixing ring (mm)
FH-1630-TH229	229
FH-1630-TH300	300


IT-1000-001
Tool Kit for cable installation

A compact and comprehensive kit for the installation of cable accessories, joints, terminations, etc.


IT-1000-002
Cable Vice

The IT-1000-002 cable vice for fast and easy installation of joints and the repair of cables. An adaptor is included which enables the cable vice to be used for the installation of terminations. Suitable for field installation and for workshop use. When fixed to a work bench, the upper part with the clamps can be used without the legs. Cable vice for the installation of joints and the repair of cables.



Overall Diameter of Cable	Length	Width of Legs	Height of Upper Part	Height (Total)	Weight
(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
15 - 100	700 - 1210	800	450 - 580	1010 - 1140	11.5

IT-1000-019
Installation Tool for
Mechanical
Connectors

This tool avoids the cable cores being over bend during installation of mechanical connectors.
 Application diameter range: 15 – 60 mm
 Length of handle: 205 mm



IT-1000-031
Screen Removal Tool

For bonded screens on sector shaped conductors packed in a belt pouch.
 Spare blade included



IT-1000-030-2
Screen Removal Tool

TE's Screen Removal Tool IT-1000-030-2 for bonded screens on round conductors of MV Cables, incl. 1 spare blade, silicone grease and allen key delivered in a robust polypropylene box. Suitable for one and three core cables.

Features:

- Application range over insulation 10 – 50 mm
- Min. screen cutback 10 mm
- Variable cutting thickness



IT-1000-030-2-Blade
Spare Blade

for Screen Removal Tool IT-1000-030-2



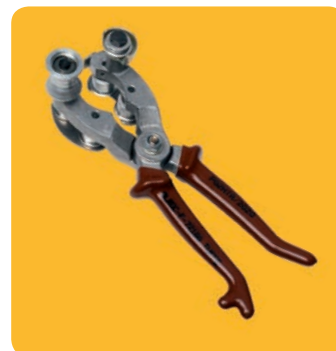
IT-1000-030-2-Grease
Silicone Grease

for Screen Removal Tool IT-1000-030-2



Cable Sheath Joggling Tool

SIML-O-0711744-1
 PG2 Cable Diameter: 21 – 35 mm
 SIML-O-0711745-1
 PG3 Cable Diameter: 26 – 52 mm
 SIML-O-0711746-1
 PG4 Cable Diameter: 47 – 75 mm

**IT-1000-004 Ligarex Pliers**

Ligarex Pliers are used to fasten stainless steel Ligarex collar.

Ligarex Collar Description	Length (mm)
EXRM-0302-250	250
EXRM-0302-500	500
EXRM-0302-800	800

**AD-1522-1 Crimp Tool**

The AD-1522 crimp tool crimps all DuraSeal crimp and PolyCrimp products.

**IT-1000-010 Diameter Tape**

Total length: 2 m

**EXRM-1004 Insulation Removal Tool**

For the removal of paper insulation.
 Application Diameter Range:
 13 – 55 mm
 Length: 190 mm



**EXRM-0607
Cable Knife**

Total length: 175 mm

**EXRM-1228
Hexagon Insert Socket**

Extra long hexagon insert socket wrench, used for the installation of RICS-adaptors.
Insert socket size: 19 mm

**EXRM-1455-600-1000
Heat Protection Cover**

Dimensions:
Length 1000 x Width 600 mm
Material:
Kevlar needle felt

**EXRM-0764
Insulation stripping
string**

Insulation stripping string for plastic insulated cables.
Length: 2 m

**EPPA-004
Cleaning Tissue**

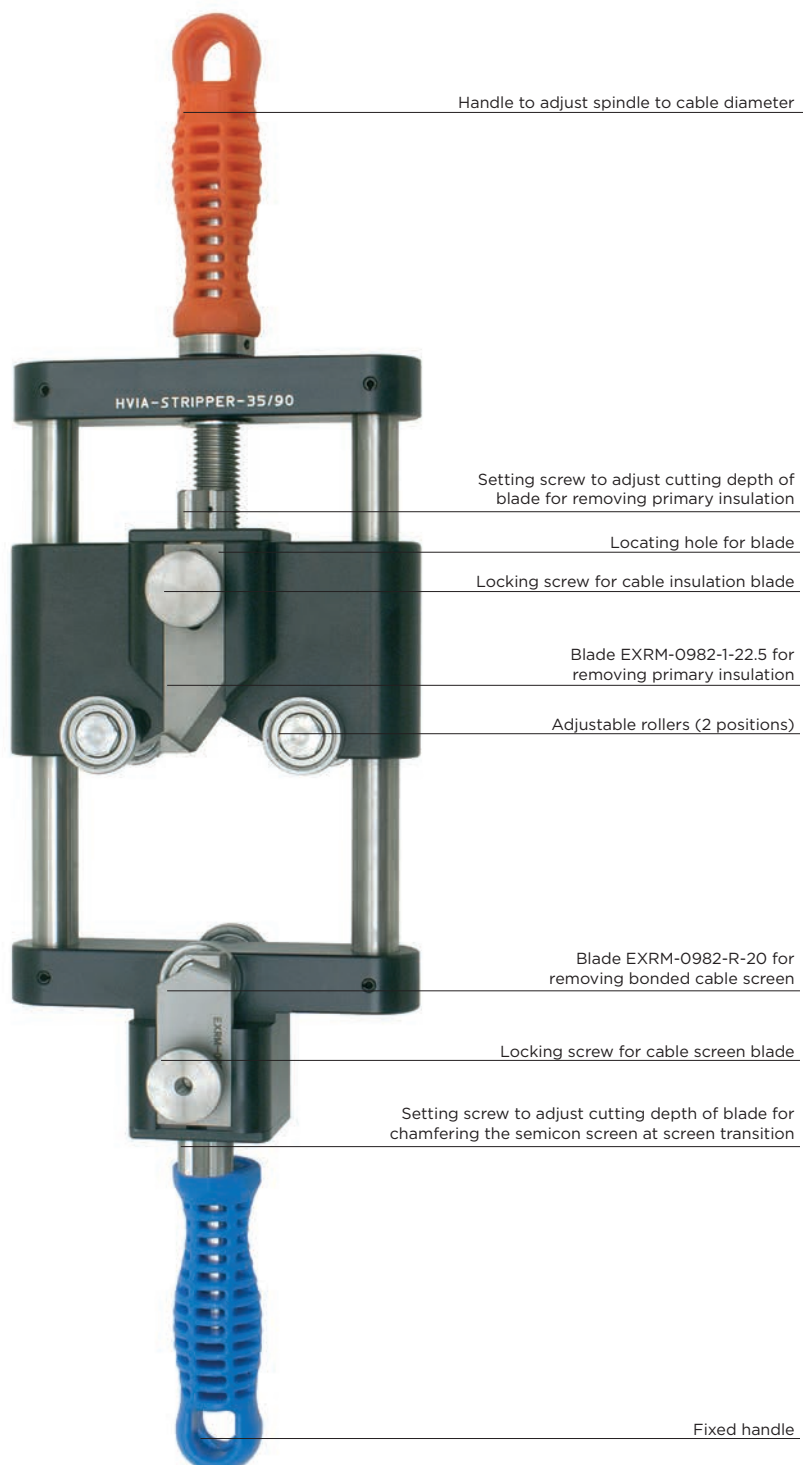
A special type of cellulose paper multiple folded and impregnated with isopropyl alcohol. Cleaning tissues can be used to clean and degrease the surface of metal, plastic, rubber, etc. components before the installation of heat-shrinkable products. Supplied in individual sachets.

Size: 140 x 200 mm, folded to 60 x 80 mm



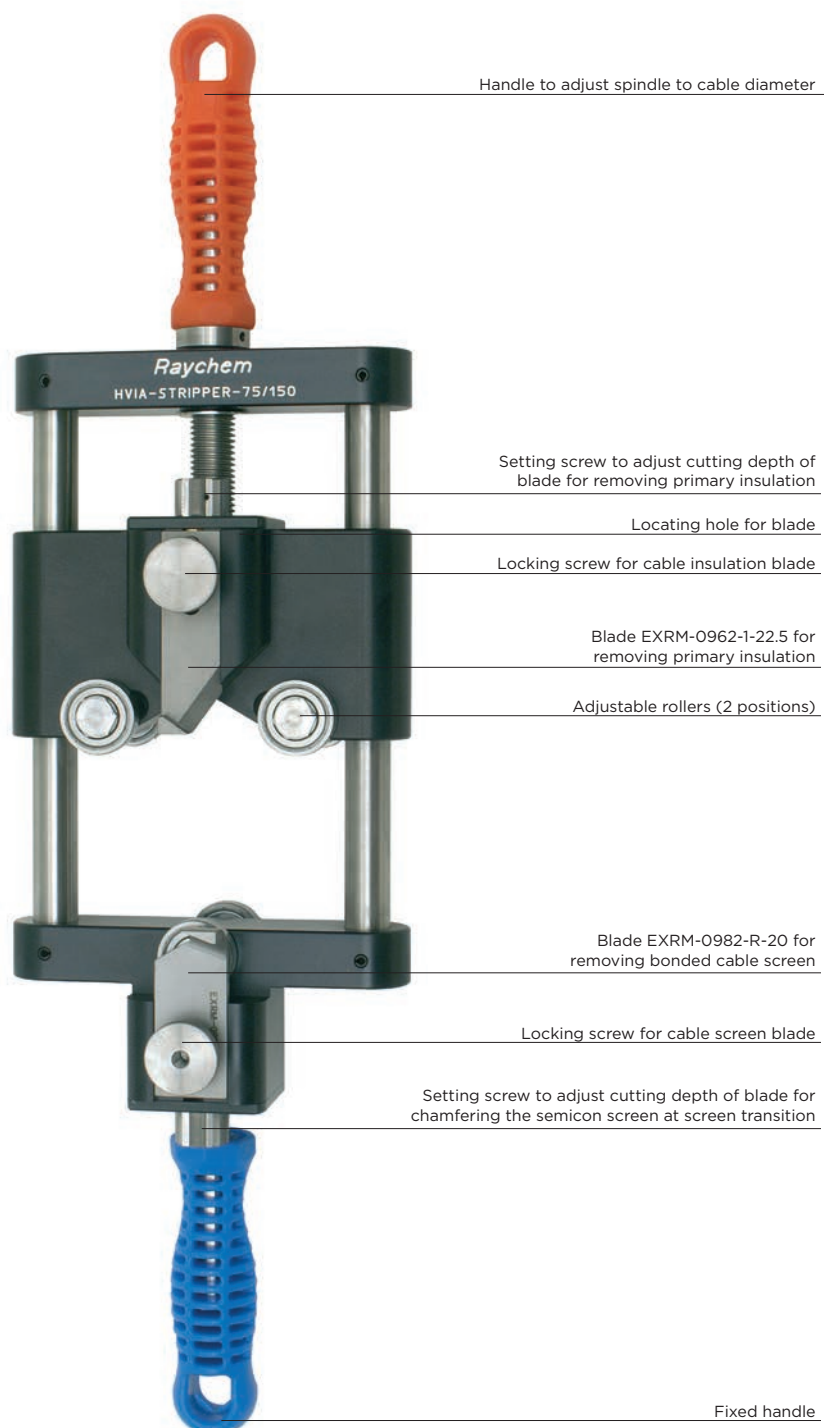
Stripping Tool from 35 - 90mm HVIA-STRIPPER-35/90

HVIA



Stripping Tool from 75 - 150mm HVIA-STRIPPER-75/150

HVIA



Cordless Impact Wrench

Features

Catalogue Reference	IT-1000-033-AU
Voltage	14.4V
No-Load Speed	Tools and Equipment
Nominal Tightening Torque	200Nm
Rechargeable battery	3.0Ah; Li-ion (8 cells)
Charging Time	90min
Weight	1.5kg
Vibration emission value ah	1.5m/s ²

Packaging:

- 1 Tool
- 2 Batteries
- 1 Charger
- Sockets
- User manual

