

Air Blown Fiber Installation Tool

LTT 179 2040



Features

- Class leading installation performance in combination with Hexatronic Air Blown Fiber
- Installation speed of up to 150 m/min
- Portable and lightweight
- Easy to use and virtually calibration free design
- Low noise
- Speed locking
- Easy push-pull on reel arm
- Latest technology on display OLED
- Suitable gripping rubber
- For all Hexatronic Air Blown Fiber 1-12 fibers
- For Microduct dimensions 3, 5 and 7 mm.

Application

The blowing tool is used for the installation of Air Blown Fibers into Microducts. This unique, easy-to-handle and lightweight tool is designed for optimal performance in combination with all available fiber units and Microducts in the Hexatronic Air Blown Fiber System.

Design

The blowing tool consists of a body that guides and feeds the fiber unit into the Microduct. The tool uses both compressed air and an electric motor to feed the fiber. An adjustable magnetic coupling limits feeding force on fiber to avoid damage in case of a sudden stop. A Li-Ion battery pack, fitted in the tool handle, powers the motor. The motor speed and direction is controlled by a trigger switch on the handle. The trigger can temporarily be locked to maintain the speed when blowing.

The blowing tool is designed to be used with Hexatronic Air Blown Fiber only. Fiber units with 1-12 fibers can be installed. Nozzles for 3/2mm, 5/3.5mm and 7/3.5mm Microducts are included.

The blowing tool is normally fed with dry compressed air. The compressed air is connected to the tool with a 1/4" standard quick connector. For optimal installation performance, an air flow of 80 l/min and a nominal pressure of 8 bar is required.

For shorter distances, a smaller compressor or a portable pressure canister with a reduction valve can be used. For very short distances (up to 50 m) such as in small multi dwelling units, the fiber can be fed by the integrated electrical motor only, without using any compressed air supply at all. The integrated display shows information about speed, blown length and battery capacity.

CE & RoHS Compliant.



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Fiber Units

The Hexatronic Air Blown Fiber are available either as pre-connected (with a fiber connector in the end) or without connectors. The pre-connected fibers are delivered in small lightweight reels that are conveniently fitted on the reel holder of the tool. Both single mode and multi mode are available.

Ordering Information

PRODUCT NUMBER	DESCRIPTION
LTT 179 2040	Air Blown Fiber Installation Tool

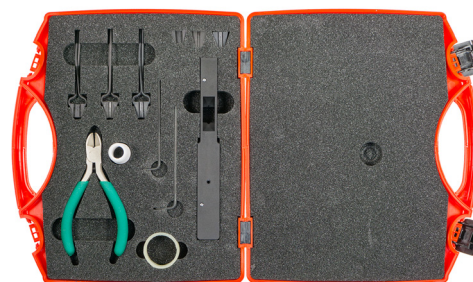
Accessories / Spare Parts

PRODUCT NUMBER	DESCRIPTION
NTB 101 116	Tripod with ball joint
NTB 101 082	Service kit with rubber rings, nozzles etc.
NTB 101 083/1	Fiber guide set up to 1.3 mm diameter (1-4 fiber units)
NTB 101 083/2	Fiber guide set up to 1.6 mm diameter (6-12 fiber units)

Air Blown Fiber - Stingray

REFER TO PRODUCT SHEETS	
287 01-KRPM 258	Air Blown Fiber on PAN, Single Mode
287 01-KRPM 258 OM3/OM4	Air Blown Fiber on PAN, Multi Mode
287 01-RPM 258	Pre-connected Air Blown Fiber on REEL

Contents of LTT 179 2040 Kit



- Blowing tool
- Battery charger
- Two Li-Ion batteries
- Set of air filter and valve
- Small toolbox with tools and common replacement parts
- Fiber guide sets for up to ≤ 1.3 mm and ≤ 1.6 mm fiber units
- Nozzles for 3 mm, 5 mm and 7 mm microducts
- Microduct cutter
- User guide
- Carrying case

Performance

The installation distance and performance depends on several parameters such as number of bends, radius of each bend, temperature, humidity, air pressure, type of fiber unit etc. In normal situations, a blowing distance of typically 1000 m can be expected in combination with Hexatronic Air Blown Fiber and Hexatronic Microducts. The maximum installation speed varies depending on distance and is typically 80-120 m/min (max 150 m/min).