

UNICO

one

User Manual





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WHAT IS UNICO one

UNICO one is an integrated transport system capable of becoming a working station. This solution eases the on-the-field operator job: it allows to put all the instrumentation and necessary equipment inside a light suitcase, which also becomes a working bench.



UNICO one when closed

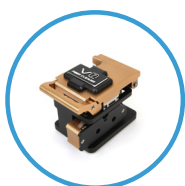


UNICO one when opened

Since it is light and tough, UNICO one allows, inside its protected drawers, all the equipment and instrumentation needed for on the field operations including, for example:



Fusion splicer machine



Cleaver



O.T.D.R.



Launch lead



Stripper



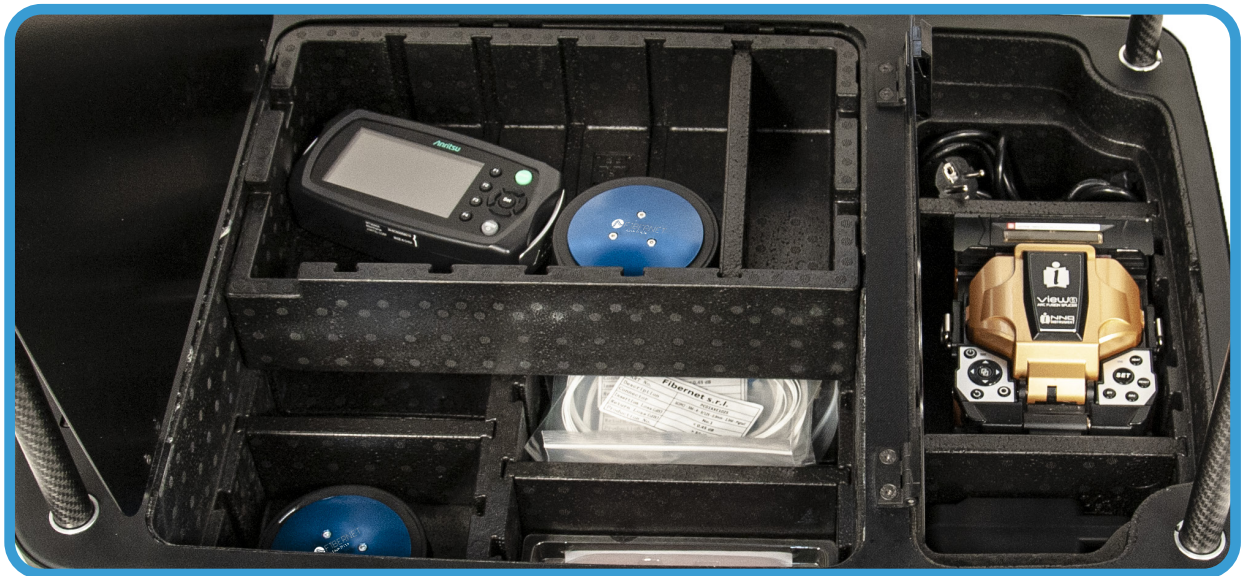
FO Cleaner



Other tools

UNICO one: COMPATIBILITY

UNICO one internals have been designed so that they can be modular, meaning easily adaptable to all dimensions of different models of O.T.D.R.s and fusion splicer machines. The structure is designed with shockproof material capable of protecting the entire equipment.



UNICO one: WHEN CLOSED

When closed, UNICO one becomes a suitcase under any aspect. It is easy to transport for every operational situation.

It has three handles (a sliding one in carbon fiber and two stable ones) and big wheels mounted on bearings which allow to transport the product easily and in complete safety. It also has three security locks provided with padlocks brackets.



Carbon fiber sliding handle



Ø 20mm wheels mounted on spherical bearings



Security locks provided with padlocks brackets.



UNICO one: WHEN OPENED

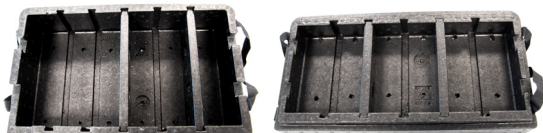
When opened, UNICO one becomes a working bench on which there are all the elements useful to operators who work on the field



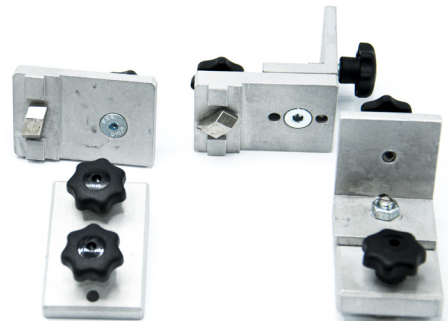
Workbench



Carbon fiber rods



Modulated equipment drawers



Closures mounting kit



THE COVER

External side

In this case we are talking about the real UNICO one working bench. It is made of scratchproof material and has two aluminum multifunctional bars on which can be fixed, with the right bracket kit, muffles – both in vertical or horizontal position- or any other useful equipment.



Multifunctional bars

One of the many unique characteristics UNICO one has, are the multifunctional bars found on the working bench.

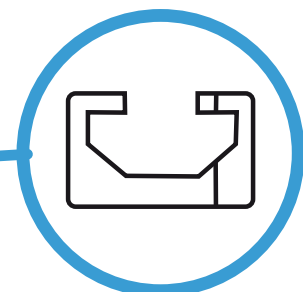


They are made of aluminum and studied to assure a fast anchorage for any instrument or tool found on the working table.

It is on these multifunctional bars that closures can be fixed with the special brackets endowed by Fibernet.



Multifunctional bar, detail



Multifunctional bar, section

Internal side

Here we have:

- N.4 Carbon fiber rods
- N.1 Soft case
- N.1 Folding stools (optional)
- N.2 Extension shelves (optional)





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CARBON FIBER RODS

UNICO one has four carbon fiber rods. They are capable of transforming the product from a transportable suitcase to a working bench. Lightweight and resistant, these rods are studied to be fixed on the inferior part of UNICO one, making the structure incredibly stable. On the rods, it is possible to find support pins for the extension shelves.



SOFT CASE



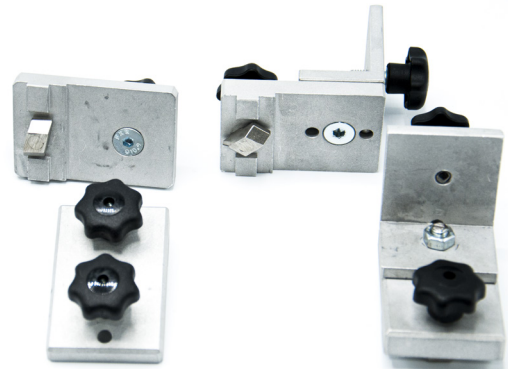
The soft case can be fixed with appropriate belts placed on the internal side of UNICO one cover and it allows to packed away inside it useful working kits (EX: closure mounting kit or sunshade umbrella kit clamps).

In the standard UNICO one configuration, inside the case you can find the closure mounting kit.

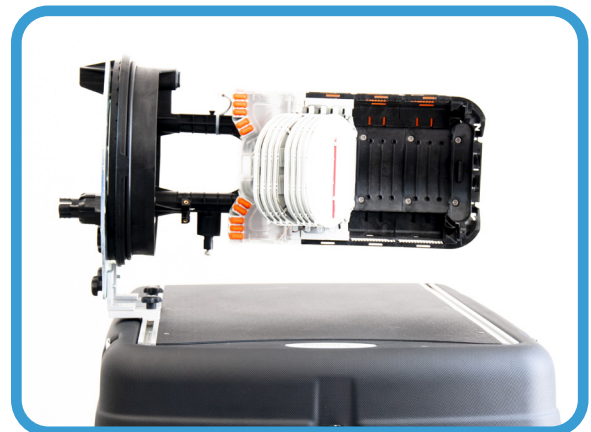
CLOSURE MOUNTING KIT

UNICO one has been designed to allow the fixing of the closure on the working bench.

The endowed brackets, mounted on the multifunctional bar of the working table, allow the locking of closures in both vertical or horizontal position, meaning that the operator can work with maximum comfort on cabling operations.



Vertical Fixing



Horizontal Fixing



INTERIOR COMPARTMENTS

Inside UNICO one, covered by two resistant aluminum doors, there are compartments where it is possible to store instrumentation and equipment useful for the job.

The compartments are protected by shockproof material with the intent to preserve the equipment. The compartments can also be modulated and adapted depending by the dimension of the products that want to be transported with removable separators.

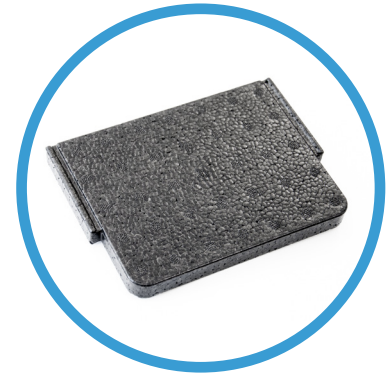


ARC FUSION SPLICER COMPARTMENT

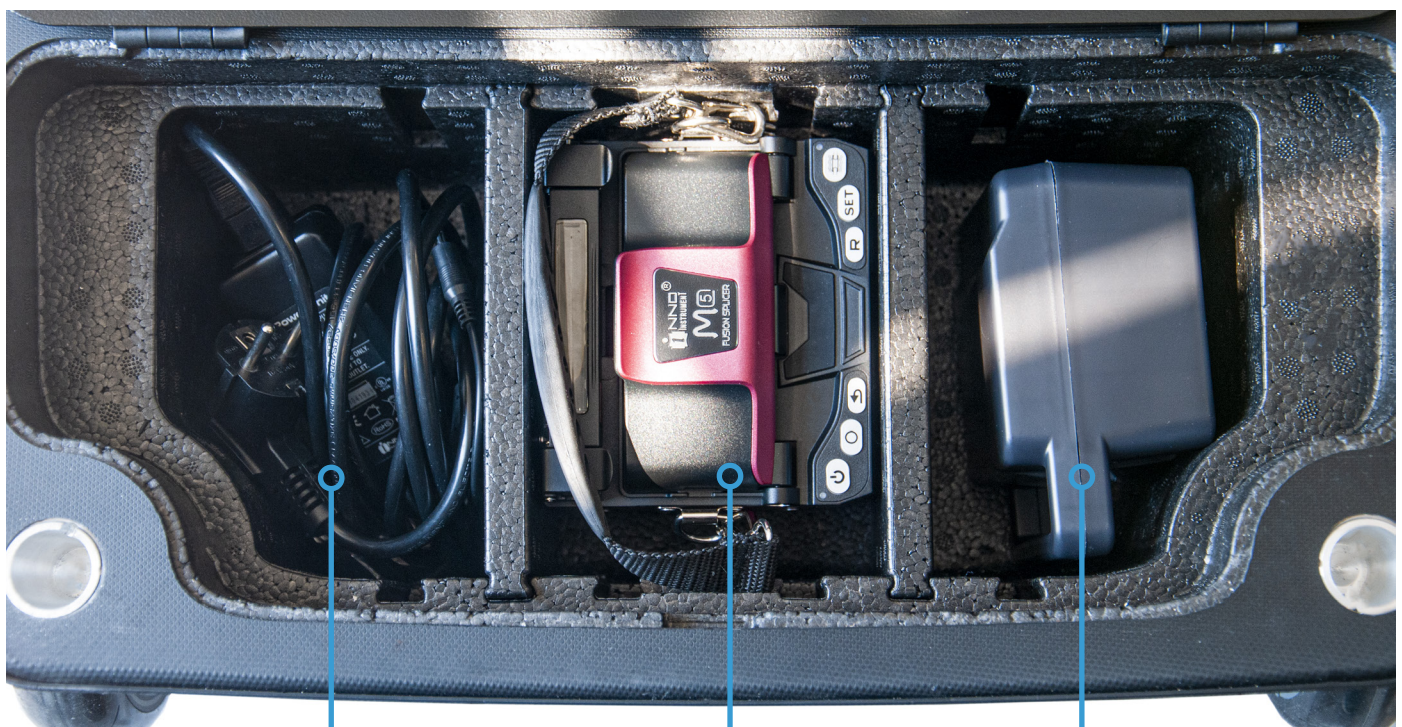
Inside this compartment it is possible to put the splicer and its accessories, just like the charger or the cleaver.

The space is adaptable, thanks to the endowed separators, for most of the splicers on the market.

The compartment is covered by a special door to preserve the material during the transport.



Removable separators



Charging cords compartment

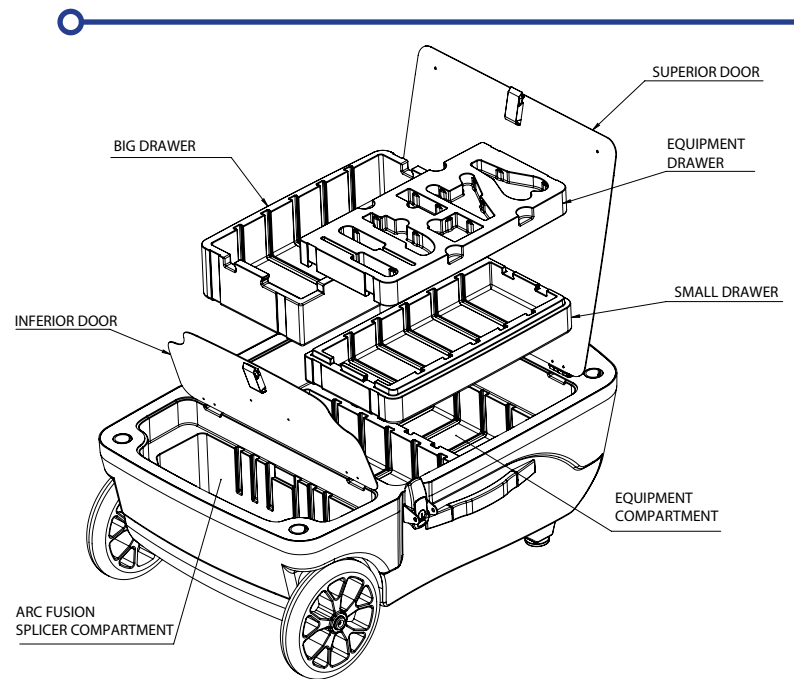
Arc fusion splicer compartment

Clevar compartment

GENERAL EQUIPMENT COMPARTMENT

The general equipment compartment is the main UNICO one compartment. Inside it there are three extractable drawers made to contain instruments and equipment. Under the drawers, it's possible to find an ulterior compartment for extra equipment.

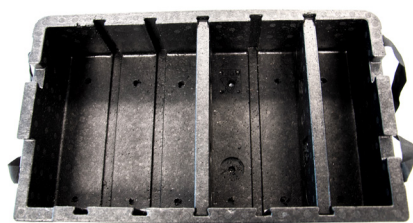
The spaces are adaptable thanks to the endowed separators. The compartment is covered by a specific door to preserve the material during the transport.



Equipment compartment



Drawers



Big drawer



Small drawer



Equipment drawer*

*The tools shown in the picture are optional

UNICO one: OPTIONAL

UNICO one depending no specific needs, offers a large range of accessories.

The client can decide to put inside UNICO one:



Multisocket plug



Extension shelves



Folding stool



Launch lead



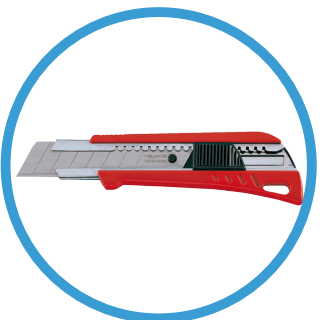
FO scissors



Stripper



Circular tube stripper



Cutter



Screwdrivers kit



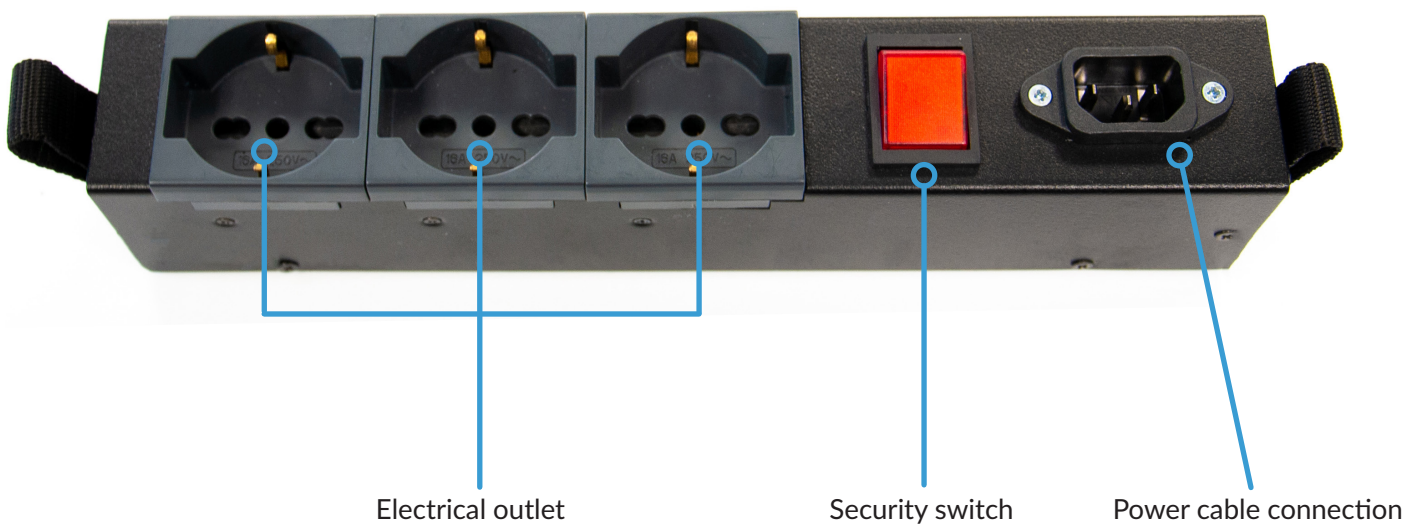
Tape measure

OPTIONAL - MULTISOCKET PLUG

Inside UNICO one is included a multi-socket plug and, on the lower compartment, there is a five meters long charging cable.

This solution allows the operator to recharge three instruments at one while working.

The electronic multisocket plug has a switch on it, giving the operator even more security.



OPTIONAL - EXTENSION SHELVES

Thanks to the two extension shelves that have to be fixed to the carbon fiber rods, it is possible to expand the working bench surface of UNICO one. They are made of aluminum and can be fixed on different heights; they are also easily placeable in their housing under the cover.



OPTIONAL - LAUNCH LEAD

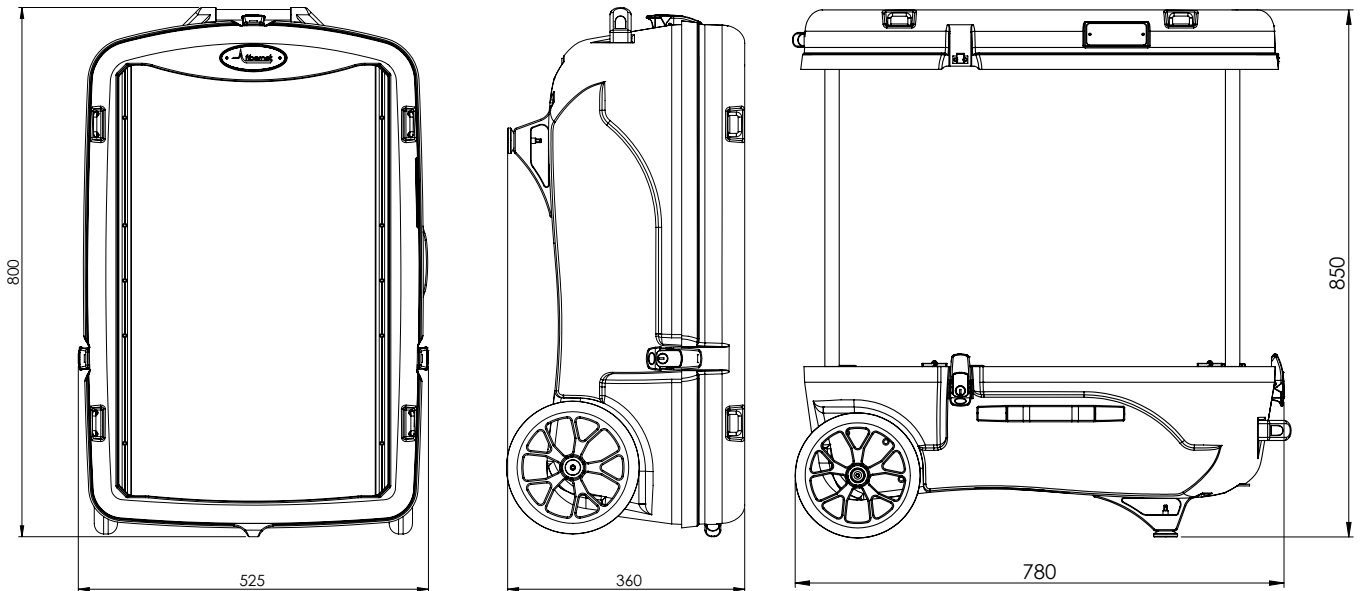
Inside UNICO one it's possible to put one -or even more - launch lead, a necessary tool for certification operations with the O.T.D.R.

Fibernet has developed Futura, which is a resistant and compact launch lead easily transportable inside UNICO one.

Futura is made on a specific client request so that it can be connected to any instrument on the market.



TECHNICAL SPECIFICATION



Length: 800 mm - 31.46 in

Width: 525 mm - 20.66 in

Height: 850 mm - 33.46 in

Depth: 360 mm - 14.17 in

Working Bench Dimensions: 685×420 mm (26,96×16,53 in)

with extension shelves: 1285×420 mm (50,59×16,53 in)

Weight: 17.7 Kg - 37.69 pounds (standard package)

IP Grade: IP54

Materials:

- ABS-ASA (Shell and working bench)
- EPP (Interior compartments, drawers, removable separators)
- Carbon fiber (Sliding handle, rods)

CLEANING AND MAINTENANCE

The most common soaps or detergents, dissolved in hot water, can be used to clean up general dirt. If it doesn't work, isopropyl alcohol can also be used. Avoid abrasive powders. Rough areas can be restored using silicone-based polishes.



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