

Shrinking Devices

i-tec®L - The Low-Cost Desktop Device with Practical Supplementary Modules



Use

- For shrinking and unshrinking carbide or HSS tools
- The correct heating time and the coil energy level is calculated automatically: Enter the diameter and the cutting material - Ready
- Overheating of the shrink fit chucks is impossible
- \varnothing 3 - 32 mm for carbide, \varnothing 6 - 32 mm for HSS

Design:

- Basic device with integrated electronics in desktop execution
- Base plate with tool platform
- Induction coil is easily turnable, demountable and convertible - without the use of any tools
- Unlimited number of cooling places by the use of holding sleeves
- Easy operation at the control panel
- Cooling via a closed water cycle as an option

Standard Specification i-tec®L:

- Basic device with induction coil and vertical column
- 2 holding sleeves
- 4 stop rings
- Tray for milling cutters
- Protective gloves

Standard Specification i-tec®CC (Cooling Module):

- Separate device with integrated electronics and cooling unit for cooling tools
- Base plate extension for holding cooling bushes and cooling inserts
- 3 cooling bushes
- 5 cooling inserts for standard chucks (\varnothing 6-32)

Device	Ref.no.	w	h	d	Connection	Power input	kg
i-tec®L	312.701	600	1150	500	3 ~ AC 400 V 50 Hz + N + PE	11 kW	50
i-tec®CC cooling module	312.710	550	500	300	~ 230 V 50/60 Hz	0.6 kW	45
TULRACK	131.004	1020	800	620	-	-	53

i-tec®L Tower Extension for Extra Long A Dimensions



Advantages:

- Simple conversion
- Tools up to 1400 mm length can be shrunk in and out reliably
- The working range of the tower extension is individually adjustable
- The induction coil remains in position during the shrinking process
- Easy to operate similar to the standard device

Ref.no. 313.810

Shrinking Devices

i-tec®GL - The Upgradable Desktop Device for Large Diameters

Option: Large coil for \varnothing 40 and 50 mm.
Cooling bush and stop ring for \varnothing 40 and 50 mm are included.
Ref.no. 312.740



Use: Like the i-tec®L

Design:

- Basic device with integrated electronics in desktop execution
- Coil with plug contacts (exchangeable)
- Induction coil is easily turnable, demountable, convertible and exchangeable without the use of any tools
- Unlimited number of cooling places by the use of holding sleeves
- Easy operation at the control panel
- Cooling via a closed water cycle

Standard Specification i-tec®GL:

- Basic device with induction coil and vertical column
- 2 holding sleeves
- 4 stop rings
- Rear panel for holding stop rings, cooling inserts and cooling bushes
- Tray for milling cutters
- Cooling module including 3 cooling bushes and 5 cooling inserts (6 – 32 mm)
- Drawer
- Protective gloves

Ref.no.	w	h	d	Connection	Power input	kg
312.702	600	1150	500	3 ~ AC 400 V 50 Hz + N + PE	11 kW	50

i-tec®XL - The Automatic Stand Device for Non-Stop Tooling with Cycle Times < 30 Sec.



Use:

- For the automatic shrinking and unshrinking of carbide and HSS tools
- The correct heating time and the coil energy level is calculated automatically: Enter the diameter and the cutting material - Ready
- Overheating of the shrink fit chucks is impossible
- \varnothing 3 - 32 mm for carbide, \varnothing 6 - 32 mm for HSS

Design:

- Solid stand device on a floor cabinet with integrated electronics and cooling station
- Automatic induction coil
- 3 combined shrinking and cooling places
- Easy operation at the control panel
- Cooling via a closed water cycle
- Ergonomic arrangement of all elements

Standard Specification:

- Basic device made of die-cast aluminium
- 3 places for heating tools
- 3 cooling bushes
- Automatic induction coil
- Floor cabinet with integrated electronics and cooling device including drawer for storing adaptor flanges
- Tray for cooling inserts
- Tray for milling cutters
- 4 stop rings
- 1 set of cooling inserts (5 pieces)
- 1 set of adaptor flanges (3 pieces)

Ref.no.	w	h	d	Connection	Power input	kg
312.010	900	1800	700	3 ~ AC 400 V 50 Hz + N + PE	11 kW	230