

NPN

New Product News



Next Generation Induction Unit for Shrink Chucks



KEY POINT

TaeguTec introduces next generation induction units for chuck heating and cooling.

With a fully automated system and a user-friendly interface, the new induction units provide safety and convenience during chuck heating and cooling operations. Therefore, existing induction units will be discontinued and replaced with new induction units.

For further information, please contact the product manager.

Induction Unit

	Current	New
Advanced	IND SHRINKIN UNIT EUR	INDN AP UNIT EU/US
Basic	IND SHRINK START UNIT EUR	INDN BS UNIT EU/US

new INDN AP UNIT

- Advanced induction unit
- Simple to use graphic-based interface
- Fully automated heating and cooling system
 - Heating coil lowers onto the shrink chuck
 - Heated chuck is lowered into the cooling tank
 - Cooled chucks return to their starting positions
 - No handling is required to ensure operator safety
- Liquid cooling and drying within 30 seconds
 - 10 times more efficient than contact cooling
 - Quick cooling reduces machine downtime
 - No active cooling of the emulsion is necessary
- Cooling is not dependent on the contour
 - No damage was incurred to the cutter from coolant cups
 - Additional coolant is not required for different holder geometries

new INDN BS UNIT

- Basic unit
- Compact size tabletop machine
 - Small space requirements and portable
- Easy operation
 - Tool change enabled within seconds
 - Barcode scanning for simpler parameter setting
 - Spool guiding system that moves the coil
 - Coil heating with the push of a button
 - Air cooling system
- Energy saving induction technology enables lower operating costs

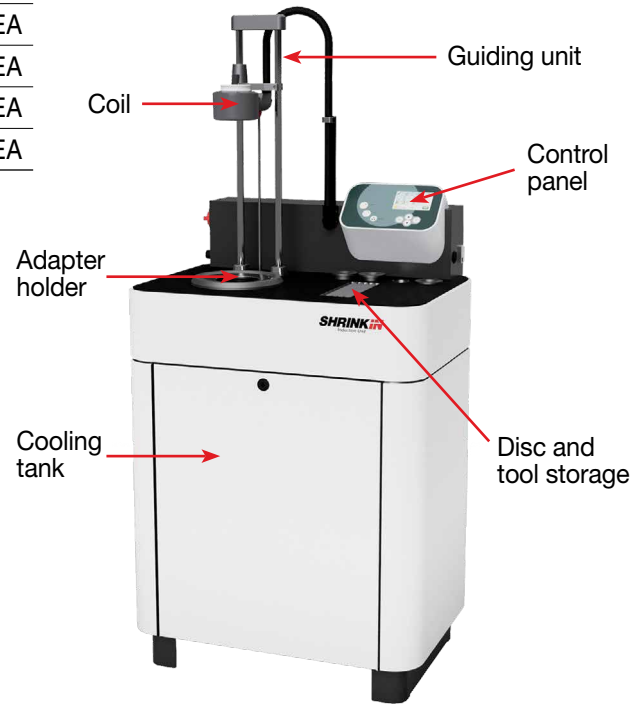
AP unit box includes:

Item	Item No.	Designation	Q'ty
AP Induction Unit	6266950	INDN AP UNIT EU	1EA
	6266951	INDN AP UNIT US	
Clamping ring	6266972	INDN CLAMP RING	1EA
Cooling concentrate	6266978	COOLANT SYNERGY 905 1L	1EA
Stop disc	See table	INDN AP DISC...	7EA
Protective gloves	-	-	1EA

※ AP unit adapters should be ordered separately.

Specifications

Model	INDN AP UNIT
Clamping range	Carbide: Ø3-32 mm HSS: Ø6-32 mm
Max. tool length (mm)	400 mm
Max. machine interface	HSK 100 / Taper #50
Cooling type	Liquid, Capacity: 50 L
Max. cooling length	200 mm
Cooling time	30 sec
Dimensions	800x560x1720 mm
Weight	120 kg
Power supply	EU: 400V 50Hz 16A US: 480V 60Hz 15A
Power	11 kW



AP unit multi-adapters:

For the correct positioning of the chuck

Item No.	Designation	Used for
6266966	INDN AP AD 32	HSK 32
6266967	INDN AP AD 40	HSK 40 / C4
6266968	INDN AP AD 50	HSK 50 / C5 / Taper #30
6266969	INDN AP AD 63	HSK 63 / C6 / Taper #40
6266970	INDN AP AD 80	HSK 80 / C8 / Taper #45
6266965	INDN AP AD 100	HSK 100 / C10 / Taper #50



AP unit adapter



AP unit stop discs

AP unit stop discs:

To avoid coil-tool shank contact

Item No.	Designation	Clamping Dia. (mm)
6266963	INDN AP DISC 3-5 #0⁽¹⁾	SRKIN Ø3-5
6266964	INDN AP DISC 6-12 #1⁽¹⁾	SRKIN Ø6-12
6266962	INDN AP DISC 14-20 #2⁽¹⁾	SRKIN Ø14-22
6266952	INDN AP DISC 25-32 #3⁽¹⁾	SRKIN Ø25-32
6266960	INDN AP DISC SRK3-5 #5⁽¹⁾	SRK Ø3-5
6266961	INDN AP DISC SRK8 #8⁽¹⁾	SRK Ø8
6266959	INDN AP DISC SRK12 #12⁽¹⁾	SRK Ø10-12
6266953	INDN AP SPLIT #0⁽²⁾	T shape Ø3-5
6266954	INDN AP SPLIT #1⁽²⁾	T shape Ø6-12
6266955	INDN AP SPLIT #2⁽²⁾	T shape Ø14-22
6266956	INDN AP SPLIT #3⁽²⁾	T shape Ø25-32
6266957	INDN AP DISC SHORT 12-22⁽²⁾	Short Ø12-22

▶ (1): unit box included ▶ (2): Ordered separately

BS unit box includes:

Item	Item No.	Designation	Q'ty
BS Induction Unit	6266979	INDN BS UNIT EU	1EA
	6266980	INDN BS UNIT US	
Clamping ring	6267011	INDN BS CLAMP RING	1EA
Parameter sticker	6267014	INDN BS STICKER SRKIN	1EA
Stop disc	See table	INDN BS DISC...	5EA
Blank magnets	-	MAGNET BLANK	12EA
Barcode scanner	-	-	1EA
Protective gloves	-	-	1EA

- ※ BS unit adapters should be ordered separately.
- ※ SRK parameter sticker should be ordered separately.

Specifications

Model	INDN BS UNIT
Clamping range	Carbide: Ø3-32 mm
Max. tool length (mm)	400 mm
Max. machine interface	HSK 100 / Taper #50
Cooling type	Air
Dimensions	320x400x840 mm
Weight	20 kg
Power supply	EU: 400V 50Hz 16A US: 480V 60Hz 15A
Power	8 kW

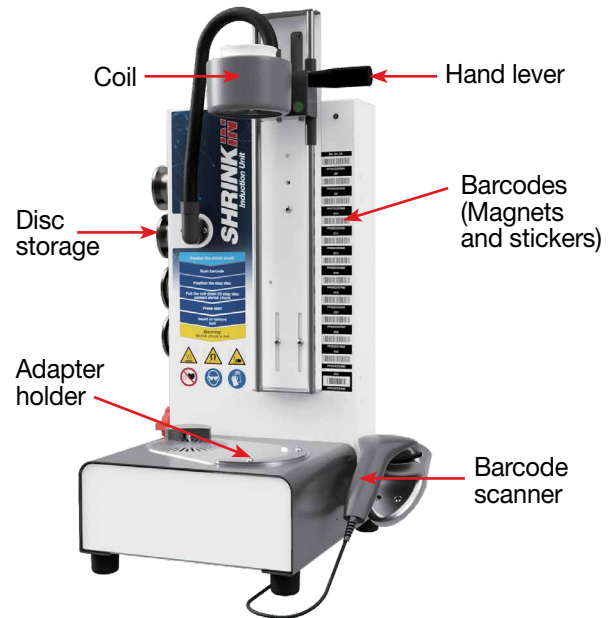
BS unit adapters:

For the correct positioning of the chuck

Item No.	Designation	Used for
6267001	INDN BS AD HSK 32	HSK 32
6267002	INDN BS AD HSK 40	HSK 40
6267003	INDN BS AD HSK 50	HSK 50
6267004	INDN BS AD HSK 63	HSK 63
6267005	INDN BS AD HSK 80	HSK 80
6266999	INDN BS AD HSK 100	HSK 100
6266994	INDN BS AD C3	C3
6266995	INDN BS AD C4	C4
6266996	INDN BS AD C5	C5
6266997	INDN BS AD C6	C6
6266998	INDN BS AD C8	C8
6267006	INDN BS AD TAPER #30	Taper #30
6267008	INDN BS AD TAPER #40	Taper #40
6267010	INDN BS AD TAPER #50	Taper #50

SRK parameter sticker:

Item No.	Designation
6267013	INDN BS STICKER SRK



BS unit stop discs:

To avoid coil-tool shank contact

Item No.	Designation	Clamping Dia. (mm)
6266993	INDN BS DISC 6-8 #1 ⁽¹⁾	SRKIN Ø6-8
6266988	INDN BS DISC 10-14 #2 ⁽¹⁾	SRKIN Ø10-14
6266990	INDN BS DISC 16-18 #3 ⁽¹⁾	SRKIN Ø16-18
6266991	INDN BS DISC 20 #4 ⁽¹⁾	SRKIN Ø20
6266992	INDN BS DISC 25-32 #5 ⁽¹⁾	SRKIN Ø25-32
6266983	INDN BS DISC SRK3 #6 ⁽²⁾	SRK Ø3
6266984	INDN BS DISC SRK4 #7 ⁽²⁾	SRK Ø4
6266985	INDN BS DISC SRK5 #8 ⁽²⁾	SRK Ø5
6266986	INDN BS DISC SRK6 #9 ⁽²⁾	SRK Ø6
6266987	INDN BS DISC SRK8 #10 ⁽²⁾	SRK Ø8
6266981	INDN BS DISC SRK10 #11 ⁽²⁾	SRK Ø10
6266982	INDN BS DISC SRK12 #12 ⁽²⁾	SRK Ø12

▶ (1): unit box included ▶ (2): Ordered separately



BS unit adapter



BS unit stop discs

INDN unit setting discs:

Designation	Tool Dia. (mm)	Designation	Tool Dia. (mm)
INDN SETTING DISC 3	3	INDN SETTING DISC 14	14
INDN SETTING DISC 4	4	INDN SETTING DISC 16	16
INDN SETTING DISC 5	5	INDN SETTING DISC 18	18
INDN SETTING DISC 6	6	INDN SETTING DISC 20	20
INDN SETTING DISC 8	8	INDN SETTING DISC 25	25
INDN SETTING DISC 10	10	INDN SETTING DISC 32	32
INDN SETTING DISC 12	12		



Setting disc
For INDN unit

Requirements

- 16A 5-pin industrial socket for AP and BS units



- G3/8 fittings only for AP unit to connect 4 bar air

