

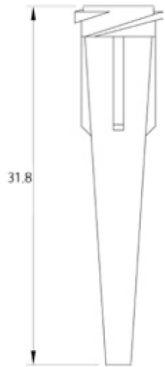
Dispensing Accessories

SUPRATEC SYNEO - syneo@supratec.fr - www.supratec-syneo.com

SASU au capital de 948 000 € - FR 72 499 328 375 - APE : 4669B - Certifié ISO 9001 : 2015

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Dosing Needle



TAPERED NEEDLE

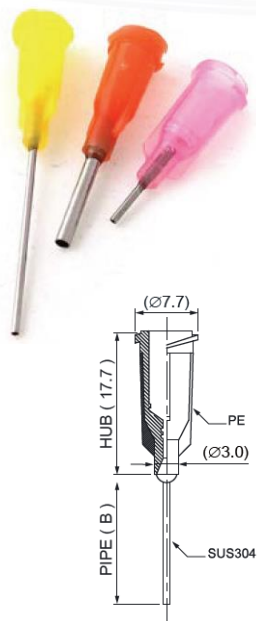
Gauge		Couleur	DI mm	Standard	Qté
		Jaune	3	AIGCONI300	50
		Orange	2.5	AIGCONI250	50
		Bleu	2	AIGCONI200	50
14G		Olive	1.6	AIGCONI14AWG	50
16G		Gris	1.19	AIGCONI119	50
16G		Noir	1.19	AIGCONIUUV120	50
18G		Vert	0.84	AIGCONI084	50
18G		Noir	0.84	AIGCONIUUV084	50
20G		Rose	0.58	AIGCONI060	50
20G		Noir	0.58	AIGCONIUUV058	50
22G		Bleu	0.41	AIGCONI041	50
25G		Rouge	0.26	AIGCONI026	50
25G		Noir	0.26	AIGCONIUUV025LL	50
27G		Transparent	0.2	AIGCONI020	50

Recommended for cyanoacrylate gels, UV adhesives, sealants and particle-filled products.
Standard needles are moulded from polyethylene.

Rigid opaque needles are moulded from polypropylene, and the opacity of the material protects light-sensitive products..

Dosing Needle

PLASTIC HUB NEEDLE



Gauge		Couleur	DI mm	DE mm	B = 6,35 mm (1/4")	B = 12,7 mm (1/2")	B = 25,4 mm (1")	B = 38,1 mm (1 1/2")
14G		Olive	1.54	1.83	AIGDRINOX155_1/4	AIGDRINOX155	AIGDRINOX155_1	AIGDRINOX150_1.5
15G		Ambre	1.36	1.65	AIGDRINOX136_1/4	AIGDRINOX136	AIGDRINOX136_1	AIGDRINOX136_1.5
18G		Vert	0.84	1.27	AIGDRINOX084_1/4	AIGDRINOX084	AIGDRINOX084_1	AIGDRINOX084_1.5
20G		Rose	0.61	0.91	AIGDRINOX060_1/4	AIGDRINOX060	AIGDRINOX061_1	AIGDRINOX061_1.5
21G		Violet	0.51	0.82	AIGDRINOX051_1/4	AIGDRINOX051	AIGDRINOX051_1	AIGDRINOX051_1.5
22G		Bleu	0.41	0.72	AIGDRINOX041_1/4	AIGDRINOX041	AIGDRINOX041_1	AIGDRINOX041_1.5
23G		Orange	0.33	0.65	AIGDRINOX034_1/4	AIGDRINOX034	AIGDRINOX033_1	AIGDRINOX033_1.5
25G		Rouge	0.25	0.52	AIGDRINOX026_1/4	AIGDRINOX026	AIGDRINOX026_1	AIGDRINOX025_1.5
27G		Transparent	0.2	0.42	AIGDRINOX021_1/4	AIGDRINOX021	-	-
30G		Lavande	0.15	0.31	AIGDRINOX016_1/4	AIGDRINOX016	-	-
32G		Jaune	0.1	0.24	-	AIGDRINOX010	-	-

Dispensing needles with polished, passivated and deburred stainless steel cannula. Polypropylene base with secure Luer Lock attachment system for syringes..

Dosing Needle



ANGLED NEEDLE

Gauge		Couleur	DI mm	DE mm	45°, 12,7 mm (1/2")
14G		Olive	1.54	1.83	AIGCOUDINOX154
15G		Ambre	1.36	1.65	AIGCOUDINOX137
18G		Vert	0.84	1.27	AIGCOUDINOX097
20G		Rose	0.61	0.91	AIGCOUDINOX061
21G		Violet	0.51	0.82	AIGCOUDINOX051
22G		Bleu	0.41	0.72	AIGCOUDINOX041
23G		Orange	0.33	0.65	AIGCOUDINOX033
25G		Rouge	0.25	0.52	AIGCOUDINOX025
27G		Transparent	0.2	0.42	AIGCOUDINOX020
30G		Lavande	0.15	0.31	AIGCOUDINOX015

Dispensing needles with polished, passivated and deburred stainless-steel cannula.
Polypropylene base with secure Luer Lock attachment system for syringes.

Dosing Needle



NEEDLE PTFE

Gauge		Couleur	DI mm	12,7 mm (1/2")
21G		Gris	0.51	AIGTEF051
25G		Rose	0.3	AIGTEF030

For removing cyanoacrylates. Does not clog. For micro-deposits of highly fluid products.

FLEXIBLE NEEDLE

Gauge		Couleur	DI mm	12,7 mm (1/2")	38.1 mm (1.5")
15G		Ambre	1.25	AIGFLEX125	AIGFLEX125_1.5
18G		Vert	0.84	AIGFLEX084	AIGFLEX084_1.5
20G		Rose	0.48	AIGFLEX048	AIGFLEX048_1.5
25G		Rouge	0.36	AIGFLEX036	AIGFLEX036_1.5

Flexible polypropylene nozzle for scratch-free application on fragile surfaces. Easy to move along edges; access to difficult areas. The nozzle can be cut to size.

Dosing Needle



MICRO PRECISION NEEDLE

Gauge		Couleur	DI mm	Standard
18G		Rose	1.041	AIGMICRO01041
19G		Brun	0.864	AIGMICRO00864
20G		Vert	0.686	AIGMICRO00686
21G		Bleu clair	0.609	AIGMICRO00609
23G		Violet	0.564	AIGMICRO00564
25G		Blanc	0.437	AIGMICRO00437
27G		Rouge	0.335	AIGMICRO00335
30G		Noir	0.233	AIGMICRO00233
06G		Bleu	0.16	AIGMICRO00160
04G		Orange	0.11	AIGMICRO00110
02G		Jaune	0.06	AIGMICRO00060

Dosing Needle

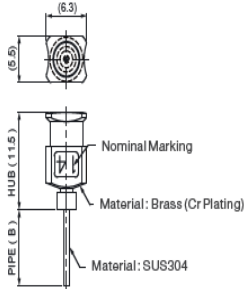
- Suitable for general and high temperature conditions. The hub is made of metal and the discharge part is made of stainless steel
- Luer lock structure ensures perfect fastening

PART NO.

MN-14G-1/2

Metal Needle
Nominal Diameter (Gauge)
Length of Pipe (Inch)

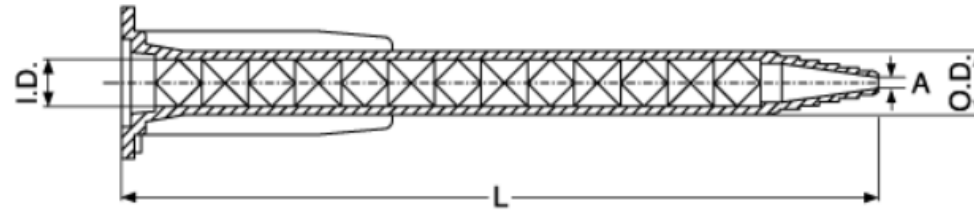
DIMENSION



METAL NEEDLE

Gauge	MN 1/4"	MN 1/2"	MN 1"	MN 1.5"	I.D	O.D
	B = 6.35mm	B = 13.0mm	B = 25.4mm	B = 38.1mm	mm	mm
12G	MN-12G-1/4	MN-12G-1/2	MN-12G-1	MN-12G-1.5	2.40	2.76
13G	MN-13G-1/4	MN-13G-1/2	MN-13G-1	MN-13G-1.5	1.99	2.40
14G	MN-14G-1/4	MN-14G-1/2	MN-14G-1	MN-14G-1.5	1.50	1.82
15G	MN-15G-1/4	MN-15G-1/2	MN-15G-1	MN-15G-1.5	1.37	1.82
16G	MN-16G-1/4	MN-16G-1/2	MN-16G-1	MN-16G-1.5	1.20	1.63
17G	MN-17G-1/4	MN-17G-1/2	MN-17G-1	MN-17G-1.5	1.04	1.50
18G	MN-18G-1/4	MN-18G-1/2	MN-18G-1	MN-18G-1.5	0.84	1.27
19G	MN-19G-1/4	MN-19G-1/2	MN-19G-1	MN-19G-1.5	0.70	1.05
20G	MN-20G-1/4	MN-20G-1/2	MN-20G-1	MN-20G-1.5	0.60	0.91
21G	MN-21G-1/4	MN-21G-1/2	MN-21G-1	MN-21G-1.5	0.51	0.82
22G	MN-22G-1/4	MN-22G-1/2	MN-22G-1	MN-22G-1.5	0.41	0.71
23G	MN-23G-1/4	MN-23G-1/2	MN-23G-1	MN-23G-1.5	0.33	0.63
24G	MN-24G-1/4	MN-24G-1/2	MN-24G-1	MN-24G-1.5	0.30	0.56
25G	MN-25G-1/4	MN-25G-1/2	MN-25G-1	MN-25G-1.5	0.25	0.52
26G	MN-26G-1/4	MN-26G-1/2	MN-26G-1	MN-26G-1.5	0.24	0.45
27G	MN-27G-1/4	MN-27G-1/2	MN-27G-1	MN-27G-1.5	0.20	0.41
28G	MN-28G-1/4	MN-28G-1/2	MN-28G-1	MN-28G-1.5	0.19	0.39
30G	MN-30G-1/4	MN-30G-1/2	MN-30G-1	MN-30G-1.5	0.15	0.31

Static Mixer

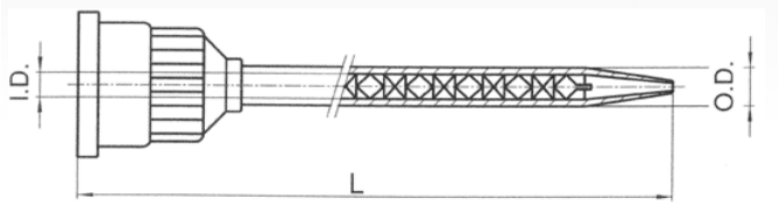


MELANGEUR STATIQUE - TYPE A

Référence	ID = Diam Int	Nb d'éléments	OD = Diam Ext	Longueur (mm)	A = Diam Buse (mm)	Volume (ml)
	3	7	4.6	33.2	1	0.24
	3	13	4.6	50.6	1	0.36
	3	17	4.6	62.2	1	0.34
MELBA4X13	4	13	5.8	66	2	0.6
	4	17	5.8	81.6	2	0.75
	5.4	7	7.6	55.7	1.5	0.80
MELAH0513T	5.4	13	7.6	84.6	1.5	1.36
MELAH0517T	5.4	17	7.6	103.6	1.5	1.68
MELAH0521T	5.4	21	7.6	124	1.5	2.01
MELAH0612T	6.3	12	8.7	97	1.5	2.08
MELAH0617T	6.3	17	8.7	128	1.5	2.94
MELAH0620D	6.3	21	8.7	151.5	1.6	3.33
MELAH0621T	6.3	21	8.7	153	1.5	3.57

* Dispensing guns are available on request.

Static Mixer

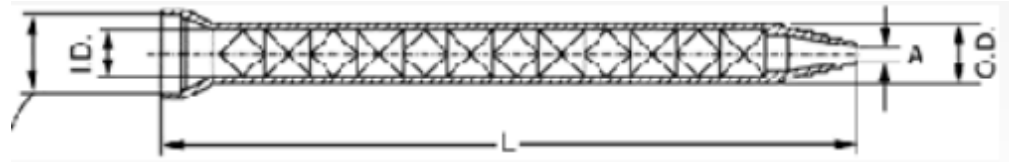


MELANGEUR STATIQUE - TYPE B

Référence	ID = Diam Int	Nb d'éléments	OD = Diam Ext	Longueur (mm)	Volume (ml)
Série MELB - Hélix - Ratio 1:1 & 2:1					
MELBH0312S	3.2	12	4.8	63.6	0.49
MELBH0316SF	3.2	16	4.8	76.5	0.59
MELBH0416S	4.2	16	5.9	96	1.04
MELBH0512D	5.4	12	7	111.8	1.52
MELBH0520T	5.4	20	7	132.8	2.29
MELBH0616T	6.5	16	8.2	132	3.14
MELBH0620T	6.5	20	8.2	157	3.76
Série MELB - Quadro - Ratio 1:1 & 2:1					
MELBQ0516L	5.3	16			1.88
MELBQ0524L	5.3	24		122	2.6
Série MELBX - Hélix - Ratio 4:1 & 10:1					
MELBHX0316S	3.2	16	4.8	77	0.6
MELBHX0416S	4.2	16	5.9	96	1.05
MELBHX0516T	5.4	16	7	111	1.91
MELBHX0520T	5.4	20	7	132.8	2.07
MELBHX0616T	6.5	16	8.2	131	3.04
MELBHX0620T	6.5	20	8.2	156.7	3.79
Série MELBX - Quadro - Ratio 1:1 & 2:1					
MELBQX0516L	5.3	16			1.72
MELBQX0524L	5.3	24			2.37

* Dispensing guns are available on request.

Static Mixer

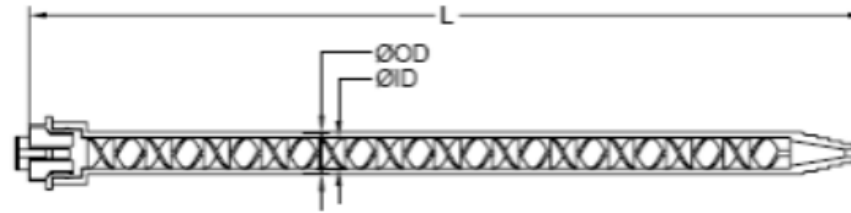


MELANGEUR STATIQUE - TYPE C

Référence	ID = Diam Int	Nb d'éléments	OD = Diam Ext	Longueur (mm)	A = Diam Buse (mm)	Volume (ml)
Série MELC - Hélix - Ratio 1:1 & 2:1						
MELCH0518T	5	18	8	121	2	2.10
MELCH0524T	5	24	8	149	2	2.00
MELCH0532T	5	32	8	188	2	2.60
MELCH0618T	6.35	18	10	149	2	3.60
MELCH0624T	6.35	24	10	185	2	4.20
MELCH0632T	6.35	32	10	234	2	5.00
MELCH0818T	8	18	12	177	2.4	6.70
MELCH0824T	8	24	12	223	2.4	8.50
MELCH0832T	8	32	12	287	2.4	10.90
MELCH1018T	10	18	14	214	3	12.30
MELCH1024T	10	24	14	276	3	14.60
MELCH1032T	10	32	14	352	3	17.70
MELCH1312T	13	12	17	170	4	14.70
MELCH1318T	13	18	17	231	4	21.00
MELCH1324T	13	24	17	293	4	27.30
MELCH1332T	13	32	17	379	4	25.70
Série MELCX - Hélix - Ratio 4:1 & 10:1						
MELCHX0818T	8	18	12	182	2.4	6.40
MELCHX0824T	8	24	12	230	2.4	9.30
MELCHX1012T	10	12	14	155	3	9.60
MELCHX1018T	10	18	14	215	3	11.90
MELCHX1024T	10	24	14	275	3	16.20
MELCHX1312T	13	12	17	192	4	11.60

* Dispensing guns are available on request.

Static Mixer



MELANGEUR STATIQUE - TYPE F

Référence	ID = Diam Int	Nb d'éléments	OD = Diam Ext	Longueur (mm)	A = Diam Buse (mm)	Volume (ml)
Série MELF - Hélix - Ratio 1:1 & 2:1						
MELFH0618T	6.4	18	10	156	1.8	4.36
MELFH0624L	6.4	24	10	193	1.8	5.4
MELFH0818T	8	18	12	187	2.4	7.4
MELFH0824T	8	24	12	234	2.4	9.3
MELFH0832T	8	32	12	296	2.4	11.85
MELFH1018T	10	18	14	225	3	13.09
MELFH1024T	10	24	14	284	3	16.89
MELFH1032T	10	32	14	363	3	21.94
MELFH1318T	13	18	17		4	20.56
MELFH1324T	13	24	17		4	26.31
Série MELFX - Hélix - Ratio 4:1 & 10:1						
MELFHX0618T	6.4	18	10	156	1.8	4.16
MELFHX0624L	6.4	24	10	193	1.8	5.2
MELFHX0818T	8	18	12	187	2.4	7.28
MELFHX0824T	8	24	12	234	2.4	9.14
MELFHX0832T	8	32	12	296	2.4	11.55
MELFHX1018T	10	18	14	225	3	12.96
MELFHX1024T	10	24	14	284	3	16.7
MELFHX1032T	10	32	14	363	3	21.22
MELFHX1318T	13	18	17		4	20.73
MELFHX1324T	13	24	17		4	26.48

* Dispensing guns are available on request.

Cartridges / syringes



SYRINGES

Taille	Clear Syringes and plunger	Black Syringes and plunger	Qté
3 cc	TSERINTRAN3CC	On Demand	
5 cc	TSERINTRAN5CC	On Demand	
10 cc	TSERINTRAN10CC	On Demand	
30 cc	DSERINTRAN30ML	DSERINNOIR30ML	50
55 cc	DSERINTRAN50ML	DSERINNOIR50ML	50

CARTRIDGES

Taille	Clear Cartridges - White plunger	Black Cartridges - White plunger	Qté
EURO 310-330cc	CAREURO310ML	-	1
SEMCO 170cc	CARSEMCO170ML	-	1
SEMCO 340cc		-	1
SEMCO 600cc	CARSEMCO600ML	CARSEMCO600MLN	1
SEMCO 900cc	CARSEMCO900ML	-	1

** D'autres tailles sont disponibles sur demande*

Dispensing Guns - Pneumatic

PNEUMATIC GUNS

Ref	Volume	Ratio	Désignation
PISTOPN400 10:1	400 ml	10:1	PISTOLET PNEUMATIQUE DP2X 400-10-50-01 CART 490ML RATIO 10:1 Pièce
PISTOPN400 1:1	400 ml	1:1 2:1	PISTOLET PNEUMATIQUE DP2X 400-01-50-01 CART 400ML RATIO 1:1 2:1 Pièce
PISTOPN400 4:1	400 ml	4:1	PISTOLET PNEUMATIQUE DP2X 400-04-50-01 CART 400 ML RATIO 4:1
PISTOPN200 10:1	200 ml	10:1	PISTOLET PNEUMATIQUE DP2X 200 10-25-01 CART 200ML RATIO 10:1
PISTOPN200 1:1	200 ml	1:1 2:1	PISTOLET PNEUMATIQUE DP2X 200-01-25-01 CART 200ML RATIO 1:1 2:1 Pièce
PISTOPN200 4:1	200 ml	4:1	PISTOLET PNEUMATIQUE DP2X 200-04-25-01 CART.200ML RATIO 4:1 Pièce
PISTOPN050 1:1	50 ml	1:1 2:1	PISTOLET PNEUM POUR CART 50ML 1:1 et 2:1
PISTOPN050 4:1	50 ml	4:1 10:1	PISTOLET PNEUM POUR CART 50ML 4:1 et 10:1



Dispensing Guns - Manual

MANUAL GUNS

Ref	Volume	Ratio	Désignation
D6332006	50 ml	1:1 2:1	PISTOLET MANUEL POUR CART DOUBLE 50ML (1:1 & 1:2)
PIST0050_10:1	50 ml	10:1	PISTOLET MANUEL POUR CART DOUBLE 50ML (10:1)



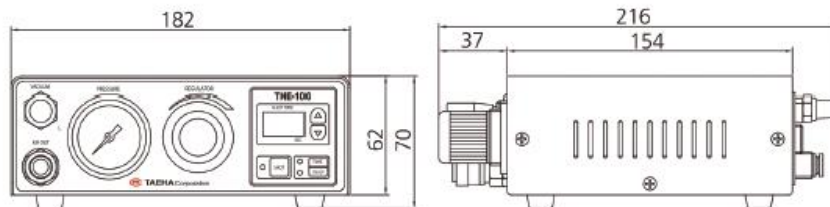
** D'autres tailles sont disponibles sur demande*

Time Pressure Dispenser

THE-100



DRAWING



FEATURES

- High-performance microprocessor and air pulse speed-up circuit enable fast and stable liquid discharge
- Easy and convenient to operate
- Reliability and durability, resulting in fewer breakdowns
- Vacuum function
- Only for barrel (SPEC-1) and cartridge (SPEC-2)
- Reasonable price

SPECIFICATIONS

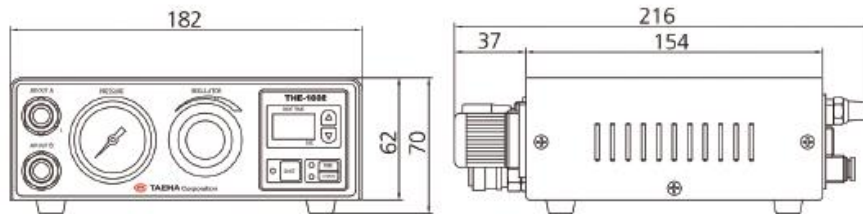
Power	AC220V, 50/60Hz
Power Consumption	10W
Air Pressure	max 0.99MPa, Oil-free Dry Air
Air Pressure Range	0.02 ~ 0.6Mpa
Shot Time Range	0.01 ~ 9.99sec
Operating Mode	Timer / Steady / Interval (Interval time 0.01 ~ 9.99sec)
Input Signal	Foot S/W, Barrel S/W, Non-voltage N.O contact
Input Signal Time	More than 0.1s
Shot End Signal	N.O Relay Contact
Vacuum	0 ~ 450Kpa
Temperature	5 ~ 40°C
Dimension	180(W) * 70(H) * 154(D)mm
Weight	2.3Kg
STD Component	Foot S/W, Power Cord, Barrel Stand

Time Pressure Dispenser

THE-100R



DRAWING



FEATURES

- High-performance microprocessor and high-speed air pulse circuit enable rapid and stable liquid discharge
- Easy and convenient to operate
- Reliability and durability ensure low breakdown
- Applicable to 2-way valve
- Reasonable price

SPECIFICATIONS

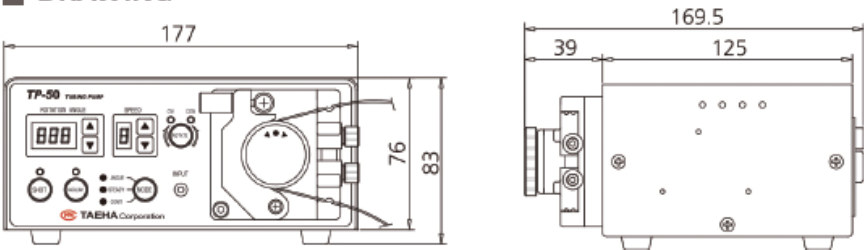
Power	AC220V, 50/60Hz
Power Consumption	10W
Air Pressure	Max 0.99MPa, Oil-free Dry Air
Air Pressure Range	0.02 ~ 0.6Mpa
Shot Time Range	0.01 ~ 9.99sec
Operating Mode	Timer / Steady / Interval (Interval time 0.01 ~ 9.99sec)
Input Signal	Foot S/W, Barrel S/W, Non-voltage N.O contact
Input Signal Time	More than 0.1s
Shot End Signal	N.O Relay Contact
Temperature	5 ~ 40°C
Dimension	180(W) * 70(H) * 154(D)mm
Weight	2.3Kg
STD Component	Foot S/W, Power Cord, Barrel Stand

Tubing Pump

TP-50



DRAWING



FEATURES

- Excellent for discharging low-viscosity liquids such as instant adhesive, anaerobic bond, ink, and solvent
- Dispensing liquid through rotor rotation rather than air drive
- Specially designed head structure reduces bubbles in the tube and increases tube use period
- Micro step control Excellent quantitative performance using a digital display method
- Precise setting using a digital display method
- Excellent reliability and durability
- Reasonable price

SPECIFICATIONS

Power	AC220V, 50/60Hz
Power Consumption	10W
RPM	0 ~ 160RPM
Angle of Rotation	Shot : 0 ~ 999° Vacuum : 1 ~ 999°
Shot Volume	Min 0.0001 cc (Using teflon tube size of Ø0.3 x Ø0.8)
Suck Back	Possible
Viscosity	Less than 5,000cps
Dimension	177(W) * 83(H) * 183(D)mm
Weight	3.5Kg
STD Component	Foot S/W, Power Cord, Nozzle Holder, Teflon Tube 5m

Dispensing Accessories

Adapter Assembly

Used to supply air from the dispensing controller to the barrel.



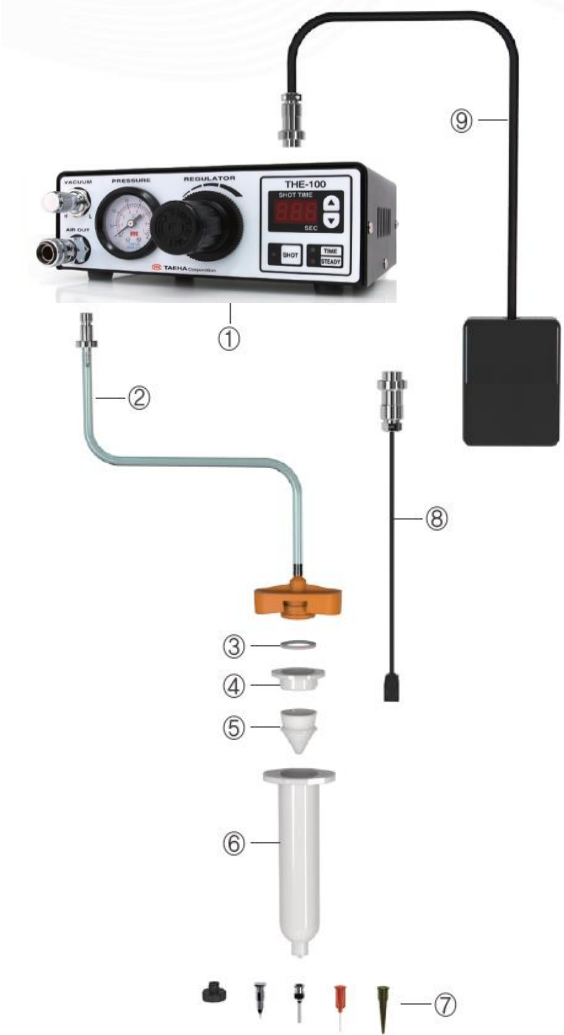
Part no		Capacity (cc)	Tube Length	Adapter Color	MOQ (pcs)
TCON05	①	5	1m	Black	1
TCON10	②	10	1m	Amber	1
TCON30	②	30, 50, 70	1m	Amber	1

[Material : Hose (PU), Adapter Head (POM), Auto Jointer (SUS)]

Dispensing system- Barrel

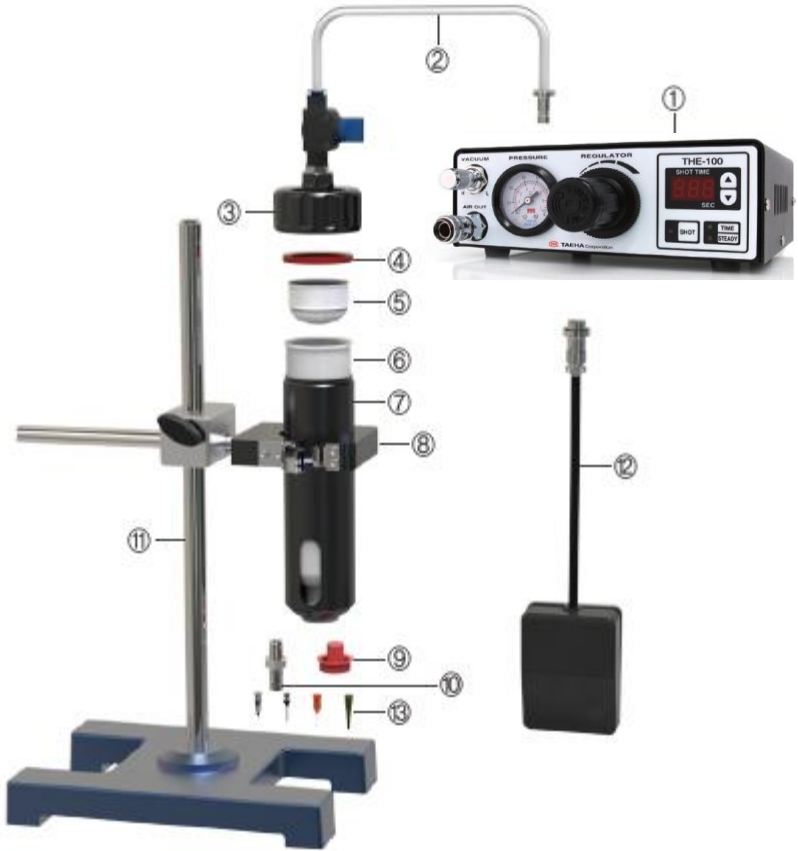
SPEC - 1

N°	Ref	Désignation
1, 2, 3 et 9	TTHE100	CONTROLEUR THE 100 + PEDALE + ADAPTER ASSEMBLY 30cc
4, 5, 6 et 7	Sur Demande	ENSEMBLE SERINGUE, PISTON, BARREL CAP et END TIP
7	Sur Demande	TOUS TYPES D'AIGUILLES
8	TBARRELSWITCH	BARREL SWITCH



Dispensing system- Cartridge

SPEC - 2		
N°	Ref	Désignation
1, 2 et 12	TTHE100	CONTROLEUR THE 100 + PEDALE
3	TBOUCxx	BOUCHON CARTOUCHES EURO OU SEMCO
4, 5, 6 et 9	-	ENSEMBLE CARTOUCHE (EURO ou SEMCO), PISTON, CARTRIDGE CAP et CARTRIDGE PLUG
7	TCARTxx	PORTE CARTOUCHE (EURO, SEMCO 170cc, 340cc, 650cc, 1000cc)
8	T_1K_CHC_xx	1K CARTRIDGE HOLDER CLAMP (EURO OU SEMCO)
10		NEEDLE ADAPTER
11	-	H STAND
13	-	TOUS TYPES D'AIGUILLES



Dispensing system- Cartridge + Valve

SPEC - 3		
N°	Ref	Désignation
1, 2	TTHE100	CONTROLEUR THE 100 + PEDALE
3	TPRESSREGU	PRESSURE REGULATOR
4	TBOUCxx	BOUCHON CARTOUCHES SEMCO
5, 6 et 7	-	ENSEMBLE CARTOUCHE (SEMCO), PISTON, CARTRIDGE CAP et CARTRIDGE PLUG
8	TCARTxx	PORTE CARTOUCHE (SEMCO 170cc, 340cc, 650cc, 1000cc)
9	TCARTELBOW	CARTRIDGE ELBOW CONNECTOR_ PT1/4"
10	-	TOUS TYPES D'AIGUILLES
11	-	DISPENSING VALVE 1 VOIE (DV-200,...)



For any other requests, please do
not hesitate to contact us.

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SASU au capital de 948 000 € - FR 72 499 328 375 - APE : 4669B - Certifié ISO 9001 : 2015

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