DISPENSTEC

DISPENSING EQUIPMENT AND CONSUMABLES

Since 1988

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End Cap Orange

Re-usable caps for sealing the top of the syringe barrel in sizes 5cc, 10cc and 30/55cc. Polyethylene for an air tight seal preventing any leaks and ensuring fluids can be stored inside the barrel safely. Packed per 50.

Item #	Description
EC05	End Cap for 5cc syringe, color orange
EC10	End Cap for 10cc syringe, color orange
EC30	End Cap for 30/55cc syringe, color orange

Piston, White

Pistons ensure that the pressure is evenly spread across the fluid surface to provide consistent dispensing. Wiper pistons prevent dripping and eliminate waste by wiping the syringe barrel wall clean as fluid is dispensed. Maximum operating pressure is 100psi (6,9bar). Packed per 50.

Item #	Description
P05W	Piston for 5cc syringe, color white
P10W	Piston for 10cc syringe, color white
P30W	Piston for 30/55cc syringe, color white

Syringes, Clear, Amber, Black

Dispensing syringe barrels are silicone and chloride free and designed to work with syringe guns and pneumatic dispensers. The syringe barrels are made from low friction polypropylene to ensure accuracy, repeatability and productivity. Features a luer lock for secure dispense tip attachment. Available as clear (see-thru) version for most generic applications. Amber provides protection of UV/visible light block (up to 520nm), but with the ability to see the material inside the syringe barrel. Black colour provides a total (UV) light block. Maximum operating pressure is 100psi (6,9bar). Packed per 50.

Item #	Description
ES05C	5cc syringe, color Clear
ES10C	10cc syringe, color Clear
ES30C	30cc syringe, color Clear
ES55C	55cc syringe, color Clear
ES05A	5cc syringe, color Amber
ES10A	10cc syringe, color Amber
ES30A	30cc syringe, color Amber
ES55A	55cc syringe, color Amber
ES05B	5cc syringe, color Black
ES10B	10cc syringe, color Black
ES30B	30cc syringe, color Black
ES55B	55cc syringe, color Black

Tip Caps

Tip Caps are used on the luer lock end of any sized syringe barrel, cartridge adapter or metering valve and feature a double helix thread for secure leak free attachment. Caps are silicone and chloride free to prevent contamination of any fluids stored inside the barrels. Packed per 50.

Item #	Description
TIPCAPB	Tip Cap, color Black
TOPCAPO	Tip Cap, color Orange

MDG10 Manual Dispensing Gun 10cc.
MDG30 Manual Dispensing Gun 30/55cc.

This gun is lightweight yet robust enough for even the most demanding applications. It is portable and ideal for production work or field work. It reduces hand fatigue and is a significant improvement over manual syringes, squeeze bottles or tubes. Typical applications include RTV sealing, epoxy, potting, solder paste and flux, compounds, mastics, gels, adhesives, inks and greases. These manual dispensing guns are safe and hygienic, reducing operator contact with the materials being dispensed. They fit comfortably in the hand over long periods of time which minimizes the risk of repetitive strain injury. The guns are autoclavable. Changing cartridges is very fast and easy.

Specifications:

Volumes	10cc and 30/55cc
Material	nylon, polypropylene
Dimensions	190Lx135Hmm
Weight	115g.

HSA Hand Switch Assembly, fits all sizes

This convenient finger switch can be attached on all barrel sizes and connect with our dispenser. With this finger switch, you will be able to replace the foot pedal for a more convenient way of working.

SA5Y Syringe Adapter 5cc, yellow
SA10Y Syringe Adapter 10cc, yellow
SA30Y Syringe Adapter, 30/55cc, yellow

This high quality adapter can provide precise and fluent air pressure between barrel and dispenser in order to create high working efficiency. Length customization is available.

DDS2000 Digital Dispensing System

We offer only one system, but it can do all for you. This cost-effective dispenser supports foot pedal control as well as the finger switch (option). It is digitally time controlled in order to adjust the dispensing time conveniently. Also enabling repeated quantified dispensing and precise timing. This unit also features the vacuum to be adjusted, functioning as a drip stop. Very important working with products like glues and solder paste.

Specifications:

Dimensions	145Wx225Lx65Hmm	Air input	5.0 - 7.0 bar (70 - 100 psi)
Weight	1628g.	Air output	0.1 - 7.0 bar (1 - 100 psi)
Control type	foot pedal (finger switch optional)	Vacuum control	adjustable
Memory	last settings	Digital timer	0.01 - 99 sec.
Power input	110-220V	Operation mode	constant / timed

VPS2000 Vacuum Pen System

This system offers you a pick & place option where you do not need a separate air supply. It allows you to pick up small parts or components and place them where desired. Suction pen, suction pads and air hose are all made of anti-static materials. Switch on the pump and activate the pen by finger. Several vacuum cups included.

Specifications:

Dimensions	150Wx90Lx150Hmm	Vacuum pump	diaphragm type
Weight controller	1650g.	Vacuum pressure	adjustable
Weight pen	25g.	Vacuum pen	aluminium
Power input	110-220V	Nozzles	small and large

TE Premier Dispensing Needles

These needles consist of a stainless-steel shaft with a double helix polypropylene hub. This premier line of dispensing needles is burr-free and has an electro-polished shaft for unobstructed and consistent material flow. In addition they are silicon and chloride free. Designed to dispense most viscosity fluids and adhesives and safe for use to 100psi. Packed per 50 in a safe and re-closable plastic box.

Gauge	1/2" length	i.d. mm	o.d. mm	color
14	TE1405050	1.55	2.10	Olive
15	TE1505050	1.36	1.84	Amber
18	TE1805050	0.90	1.20	Green
20	TE2005050	0.62	0.90	Pink
21	TE2105050	0.51	0.82	Purple
22	TE2205050	0.41	0.73	Blue
23	TE2305050	0.33	0.63	Orange
25	TE2505050	0.25	0.51	Red
27	TE2705050	0.21	0.40	Clear
30	TE3005050	0.16	0.30	Lavender

TT Tapered Dispensing Needles

High quality tapered tips in gauge sizes from 14 to 25. Suitable for many fluids including solder pastes, fluxes, gels, epoxies, grease, compounds, particle filled materials, adhesives, silicones, sealants and RTV's. Double helix locking luer thread provides safe attachment to all syringes and valves. Packed per 50 in a safe and re-closable plastic box.

Gauge	32mm length	i.d. mm	color
14	TT1450	1.50	Olive
16	TT1650	1.20	Grey
18	TT1850	0.84	Green
20	TT2050	0.63	Pink
22	TT2250	0.41	Blue
25	TT2550	0.28	Red

DNSCASE Dispensing Needles Samples Case

A useful tip selection kit containing 144 assorted tips from our TE Premier range (1/2" length), a selection of 45° bend angled tips, all size TT tapered tips, sample tip caps, Teflon lined dispensing tips and PP flexible dispensing tips. Duals level plastic box with compartments for each type. All tips feature double helix locking thread for safety and are safe to use to 100 psi. Hubs are colour filtered plastic for UV protection. All components are silicone and chloride free.

Qty	Description	Qty	Description	Qty	Description
5	TE 14G	5	TT 14G	3	TEB 25G
5	TE 15G	5	TT 16G	3	TEB 27G
5	TE 18G	5	TT 18G	3	TEB 30G
5	TE 20G	5	TT 20G	3	TEF 21G
5	TE 21G	5	TT 22G	3	TEF 25G
5	TE 22G	5	TT 25G	3	TEF 27G
5	TE 23G	3	TEB 14G	3	PP 14G
5	TE 25G	3	TEB 15G	3	PP 15G
5	TE 27G	3	TEB 18G	3	PP 18G
5	TE 30G	3	TEB 20G	3	PP 20G
5	TIPCAPO	3	TEB 22G	3	PP 21G
5	TIPCAPB	3	TEB 23G	3	PP 22G

TE Premier 45° Bent Dispensing Needles

These needles consist of a stainless-steel shaft with a double helix polypropylene hub. This premier line of dispensing needles is burr-free and has an electro-polished shaft for unobstructed and consistent material flow. In addition they are silicon and chloride free. Designed to dispense most viscosity fluids and adhesives and safe for use to 100psi. These needles are 45 degree bend which are suitable for applying fluids inside the bore of products or under components. Packed per 50 in a safe and re-closable plastic box.

Gauge	1/2" length	i.d. mm	o.d. mm	color
14	TE71405045	1.55	2.10	Olive
15	TE71505045	1.36	1.84	Amber
18	TE71805045	0.90	1.20	Green
20	TE72005045	0.62	0.90	Pink
21	TE72105045	0.51	0.82	Purple
22	TE72205045	0.41	0.73	Blue
23	TE72305045	0.33	0.63	Orange
25	TE72505045	0.25	0.51	Red
27	TE72705045	0.21	0.40	Clear
30	TE73005045	0.16	0.30	Lavender

PP Flexible Dispensing Needles

Polypropylene needles include a plastic double helix locking hub, with a polypropylene canula (tubing) based on gauge size. These tips are excellent for dispensing into small areas or through holes. The luer locking helix thread prevents the needle from working loose under pressure. Flexible needle tips for use with most fluids and especially good for reactive adhesives and moisture sensitive fluids such as cyanoacrylate instant glues and most solvent based fluids. Packed per 50 in a safe and re-closable plastic box.

Gauge	1/2" length	i.d. mm	o.d. mm	color
14	TE614050	1.40	1.80	Olive
15	TE615050	1.35	1.65	Amber
18	TE618050	0.80	1.46	Green
20	TE620050	0.62	0.90	Pink
22	TE622050	0.41	0.73	Blue
25	TE625050	0.25	0.51	Red

TEF Teflon Dispensing Needles

The Teflon lined tip is suited to the controlled application of cyanoacrylates, solvents, activators, primers and other liquids. The crimped Teflon inner tube prevents reactive cyanoacrylates from clogging during application. The tips are silicone and chloride free to prevent contamination of any liquid dispensed. Packed per 50 in a safe and re-closable plastic box.

Gauge	1/2" length	i.d. mm	color
21	TEF21050	0.51	Grey
25	TEF25050	0.30	Pink
27	TEF27050	0.20	Red

TE Flat Dispensing Needles

Oval shaped tips for applying flat ribbons of thick fluids like pastes, sealants and epoxies. Packed per 50 in a safe and re-closable plastic box.

Gauge	1/2" length	i.d. mm	color
15	TE715050B	1.36	Orange

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