



Bench-top Dispensing Solutions

OK International has been a leading manufacturer of tools for the electronics assembly work bench for almost 60 years. For over 40 years, OK International has provided reliable dispensing solutions to a diverse array of industries under the trusted Techcon Systems brand.

Now, our fluid dispensing products feature the OK International name. The OK International family of complementary products also includes soldering, rework and fume extraction systems.

OK International's fluid dispensing product line offers a wide range of dispensing components; from disposable accessories to complete microprocessor-controlled dispensing systems and precision valves. Our systems incorporate innovative designs, professional performance and ease of use, all within your budget.

Our bench-top dispensing components are silicone-free, feature precise control and are designed to work with industry standard equipment. And, they are dependable for both time-pressure and manual applications.

Quality. Known. Trusted. That's OK International. More than ever, we are committed to provide customer-driven solutions and the reliable tools for technology that you demand.





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DX-300 Digital Dispenser/Controller



The DX-300 offers 10 user programmable dispense routines. It is intuitive to use and allows accurate reproduction of sequences of beads or dots.

The DX-300 includes an adjustable vacuum feature for controlling drip of fluids between dispense cycles. A vacuum gauge is included to monitor suck-back. Packaged ready to use, with sample tips, barrels and syringe adapters.

Available in two versions of operating pressure: 0 to 100 psi for general applications, and 0 to 15 psi for specific low viscosity applications.

Specifications	
Size:	6" x 7" x 6" (15.2 x 17.8 x 15.2 cm)
Voltage:	24V DC power adapter provided
Time Range:	0.008 to 99.999 seconds
CE certified	
DX-300	Digital Dispenser 0 to 100 psi (0 to 6.9 bar)
DX-315	Digital Dispenser 0 to 15 psi (0 to 1.0 bar)

DX-200 Digital Dispenser/Controller



The DX-200 Series Digital Dispensers/Controllers are economical, highly accurate and repeatable micro-air dispensing systems. These precision fluid dispensing systems include digital timer, vacuum control for all viscosities of fluids. Packaged ready to use with power adapter, air hose, sample tips, barrel and syringe adapter.

Available in two versions of operating pressure: 0 to 100 psi for general applications, and 0 to 15 psi for specific low viscosity applications.

Specifications	
Size:	6" x 7" x 6" (15.2 x 17.8 x 15.2 cm)
Voltage:	24V DC power adapter provided
Time Range:	0.008 to 99.99 seconds
CE certified	
DX-200	Digital Dispenser 0 to 100 psi (0-6.9 bar)
DX-215	Digital Dispenser 0 to 15 psi (0-1.03 bar)

OK International's 700 System Premier Dispensing components are silicone and chloride free and designed to work with industry standard equipment. 700 Series industrial syringes and needles ensure accuracy, repeatability and productivity. Bulk packages are available.

700 System Syringes

Unique ultra-low draft construction of inner diameter yield high accuracy and stability. The syringes are comprised of industry compliant silicone and chloride free, low friction polypropylene. Available in three different colors: Natural for most generic applications; Amber provides protection of UV/visible light block (up to 520nm), but with the ability to see material inside barrel; Black for total light block. Sold in packs of 50.

Size	NATURAL	AMBER	BLACK
3cc	7030LL1NPK	7030LL1DPK	7030LL1BPK
5cc	7050LL1NPK	7050LL1DPK	7050LL1BPK
10cc	7100LL1NPK	7100LL1DPK	7100LL1BPK
30cc	7300LL1NPK	7300LL1DPK	7300LL1BPK
55cc	7550LL1NPK	7550LL1DPK	7550LL1BPK

700 System Syringe Assembly Kits

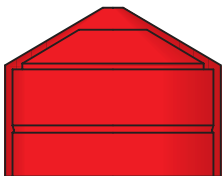
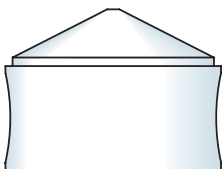
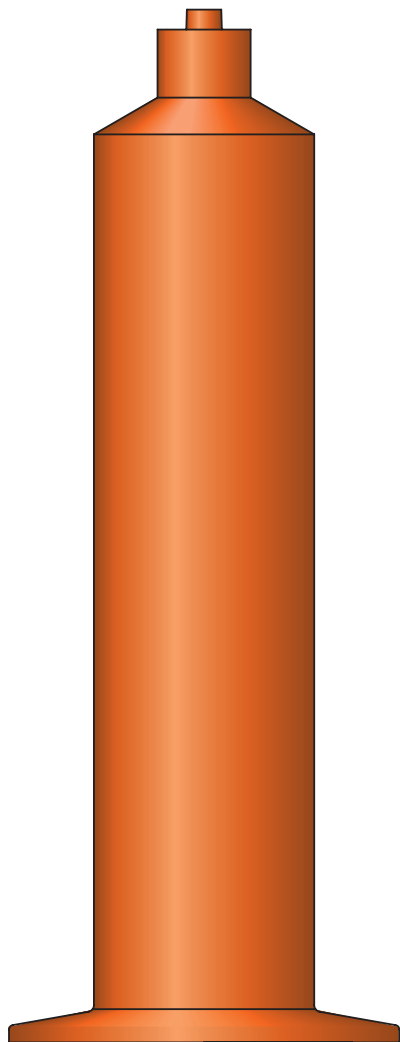
For your convenience these syringes and pistons are packaged together in ready-to-use kits of 50 each (syringe and corresponding Wiper Piston).

Size	NATURAL	AMBER	BLACK
3cc	7030LL1NWPK	7030LL1DWPK	7030LL1BWPK
5cc	7050LL1NWPK	7050LL1DWPK	7050LL1BWPK
10cc	7100LL1NWPK	7100LL1DWPK	7100LL1BWPK
30cc	7300LL1NWPK	7300LL1DWPK	7300LL1BWPK
55cc	7550LL1NWPK	7550LL1DWPK	7550LL1BWPK

700 System Air Powered Pistons

Wiper Pistons (white) provide a seal for low to medium viscosity fluids. Straight Wall Pistons (red) are recommended for reduced stringing with medium to high viscosity fluids. Both styles of pistons are made from Polyethylene. Available in packs of 50.

Size	Wiper Piston (White)	Straight Wall (Red)
3cc	7030009WPK	7030006RPK
5cc	7050009WPK	7050006RPK
10cc	7100009WPK	7100006RPK
30/55cc	7300009WPK	7300006RPK





700 System Tip Cap

Use with 700 System Syringes to seal barrel between uses or to seal any valve. Fits all syringe sizes. Made from Polypropylene. Available in packs of 50.

7015LLPK	Tip Cap Double Helix Thread Orange
TE7015LBPK	Tip Cap Double Helix Thread Black



700 System End Caps

Prevent wasteful leaks with end caps. Made from Polyethylene. Available in packs of 50.

Size	End Cap
3cc	703000CRPK
5cc	705000CRPK
10cc	710000CRPK
30/55cc	730000CRPK



700 System Receiver Head Assembly

Receiver Head Assemblies are the connecting link between time/pressure controllers and Syringe Assemblies. These assemblies provide a safe connection for accident proof dispensing. Available with 3 or 6 feet of tubing. Consists of receiver head with O-ring, tubing and male quick connector. Receiver heads are made of Delrin. Sold individually. Please contact your local OK International Representative for replacement O-rings and In-Line Filter #881-000-000.

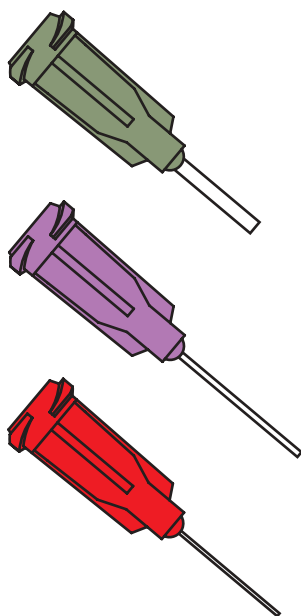
Size	No Hose	3' Hose	6' Hose
3cc	70300RHR	70303RHB	70306RHB
5cc	70500RHR	70503RHB	70506RHB
10cc	71000RHR	71003RHB	71006RHB
30/55cc	73000RHR	73003RHB	73006RHB



TS700 System Manual Syringe Gun

Lightweight barrel applicator gun provides excellent control for medium/high viscosity products. Easy to use. No dripping or mess.

Size	Manual Syringe Gun
5cc	TS705SG
10cc	TS710SG
30cc	TS730SG
55cc	TS755SG

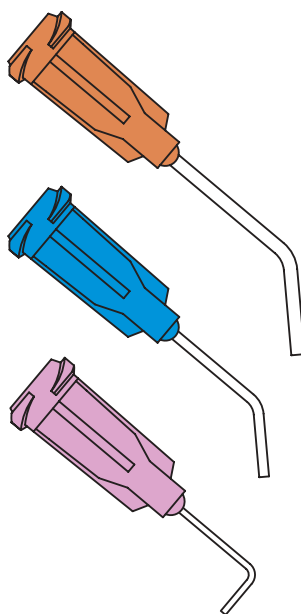


TE Needle Series

The TE Needle series consist of a stainless-steel cannula with a double helix Polypropylene hub.

This premier line of dispensing needles is burr-free, and electro-polished cannula for unobstructed and consistent material flow. In addition they are silicone and chloride free. Sold in packs of 50.

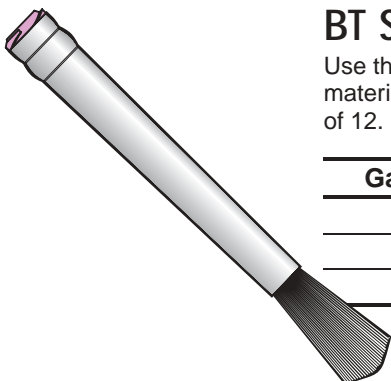
Gauge	1/4" (6.4mm)	1/2" (12.7mm)	1" (25.4mm)	1-1/2" (38.1mm)
14		TE714050PK	TE714100PK	TE714150PK
15		TE715050PK	TE715100PK	TE715150PK
18	TE718025PK	TE718050PK	TE718100PK	TE718150PK
20	TE720025PK	TE720050PK	TE720100PK	TE720150PK
21	TE721025PK	TE721050PK	TE721100PK	TE721150PK
22	TE722025PK	TE722050PK	TE722100PK	TE722150PK
23	TE723025PK	TE723050PK	TE723100PK	TE723150PK
25	TE725025PK	TE725050PK		
27	TE727025PK	TE727050PK		
30	TE730025PK	TE730050PK		
32	TE732025PK			



TE Bent Needle Series

These TE needles are precision bent at 45° and 90° angles. Perfect for dispensing fluid in hard to reach places. Sold in packs of 50.

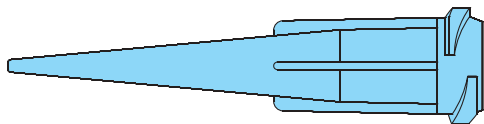
Gauge	1/2" (12.7mm)		1-1/2" (38.1mm)
	90°	45°	45°
14	TE714050B90PK	TE714050B45PK	TE714150B45PK
15	TE715050B90PK	TE715050B45PK	
18	TE718050B90PK	TE718050B45PK	TE718150B45PK
20	TE720050B90PK	TE720050B45PK	
21	TE721050B90PK	TE721050B45PK	TE721150B45PK
22	TE722050B90PK	TE722050B45PK	
23	TE723050B90PK	TE723050B45PK	
25	TE725050B90PK	TE725050B45PK	
27	TE727050B90PK	TE727050B45PK	
30	TE730050B90PK	TE730050B45PK	



BT Series

Use these Double Helix Brush Tips for "spread" applications such as glues and other materials. Soft brush is made of Red Sable. Stiff brush is made of Nylon. Available in packs of 12.

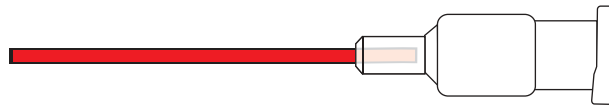
Gauge	Soft Bristle	Stiff Bristle
16	BT16-SOFTPK	BT16-STIFFPK
18	BT18-SOFTPK	BT18-STIFFPK
22	BT22-SOFTPK	BT22-STIFFPK



TT Series Needles

These tips are molded in high density polyethylene with UV light block additive and include a double helix luer lock hub. The tapered tip prevents blockage and increases the flow of high viscosity materials. Sold in packs of 50.

Gauge	Color	TT Needle
14	Olive	TT14-DHUV-PK
16	Grey	TT16-DHUV-PK
18	Green	TT18-DHUV-PK
20	Pink	TT20-DHUV-PK
22	Blue	TT22-DHUV-PK
25	Red	TT25-DHUV-PK
27	White	TT27-DHUV-PK



TS-P Plastic Series Needles

Flexible tips allow access to hard to reach areas and allow you to "customize" the length. Ideal for CA applications. Both hub and cannula are made from Polypropylene. 1 1/2" length. Sold in packs of 50.

Gauge	Color	TS-P Needle
15	Grey	TS15P-1-1/2PK
16	Brown	TS16P-1-1/2PK
18	Pink	TS18P-1-1/2PK
20	Yellow	TS20P-1-1/2PK
22	Black	TS22P-1-1/2PK
25	Red	TS25P-1-1/2PK

Needle Dispensing Kit

Decide for yourself which needle to use. This kit contains a selection of OK International's most popular TE, TE Bent and TT Needles to let you test different needles to find the ones that fit your needs.

TN00DKIT

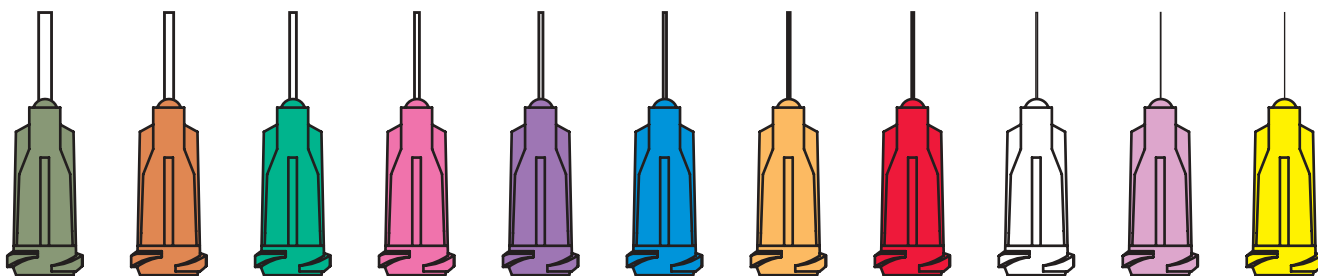
Needle Dispensing Kit



Color Coding and Gauge

For TE Series and TE Bent Needles

	Gauge	Color	I.D. (inches)	I.D. (mm)
	14	Olive	0.063	1.600
	15	Amber	0.054	1.371
	18	Green	0.033	0.838
	20	Pink	0.024	0.610
	21	Purple	0.020	0.508
	22	Blue	0.016	0.406
	23	Orange	0.013	0.330
	25	Red	0.010	0.254
	27	Clear	0.008	0.203
	30	Lavender	0.006	0.152
	32	Yellow	0.004	0.102





TS924 and TS924V Foot Valve Dispensers

The TS924 and TS924V dispensers offer the best of both worlds: increased production combined with dispenser economy. Floor mounted, they have a built in pressure regulator, pressure gauge and a unique fast-dump, three-way air valve. Output rate and shot size are operator controlled.

The TS924 is the ideal basic dispensing unit for most general applications of adhesives, sealants, coatings and compounds.

The TS924V features a vacuum suck-back to prevent very thin materials from dripping and reduce tailing or stringing with thicker materials.

Specifications

Size:	8" x 5" x 5" (20.3cm x 12.7cm x 12.7cm)
Input pressure:	100 psi maximum (6.9 bar)
Operating Pressure:	0 to 100 psi maximum (0 to 6.9 bar)
TS924	Dispenser Foot Valve
TS924V	Dispenser Foot Valve With Vacuum

TS9580 Vertical Dispenser Stand

Solid, high quality vertical dispenser stand. Reduces dispenser bench footprint and includes integrated tip holder.

TS9580	Vertical Dispenser Stand
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SH-300 Syringe Holder

Use for 700 System syringes.

SH-300	Syringe Holder
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Dispenser Starter Kit

Contains two receiver heads, syringes and a selection of needles.

DSKIT	Dispenser Starter Kit
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TS8120 Vacuum Pencil

Use for pick and place function. Stand-alone vacuum pick-up requires shop air. Optional Mixed Kit of Vacuum Cups also available.

TS-8120	Vacuum Pick Up Assembly
VACKIT	Mixed Kit of Vacuum Cup Sizes

Finger Switch Assembly

Use the Finger Switch with OK International's dispensers and syringes in place of a foot pedal. Provides control at your finger tip.

TS9010	Finger Switch Assembly for TS Series Dispenser
DX9010	Finger Switch Assembly for DX Series Dispenser

OK International provides solution-based technologies to electronics manufacturing industries throughout the world. Through our sales, service and distribution centers located in North America, Europe and Asia we provide seamless, proactive expertise and support to our customers worldwide.

Wherever industrial manufacturing facilities are located, OK International's global network of expertly trained distributors is there, to supply essential technical support and advanced process solutions.



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