



Techcon

SYSTEMS

Your Liquid Asset



Bench-top Dispensing Solutions



ABOUT TECHCON

For over 40 years, Techcon Systems has been a leading manufacturer of fluid dispensing systems. Techcon's components are used in medical, automotive, telecommunications, aerospace, electronics and industrial applications throughout the world, helping improve manufacturing processes and dispense quality results that your customers demand.

Techcon offers a wide array of fluid dispensing products and provides dispensing components ranging from disposable accessories to complete microprocessor-controlled dispensing systems, and precision valves.

And, being a part of the OK International family of products, Techcon has a strong global sales channel, with direct subsidiaries in France, Germany, Italy, UK, China, Japan and Taiwan.

If you value quality like we do, you'll understand why businesses have depended on Techcon's quality manufacturing for reliable products that fit your budget. Techcon Systems is your liquid asset.



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DISPENSERS

TS9701 Series Memory Digital Dispenser



The TS9701 Memory Digital Dispenser offers the option of programming up to 10 programs. Intuitive to use and allows for reproduction of sequences of beads or dots with high repeatability.

The TS9701 includes an adjustable vacuum feature for controlling drip of fluids between dispense cycles. Packaged ready to use, with sample tips, barrels and syringe adapters.

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

Specifications

Size: 12.4" x 7.6" x 2.5" (31.5 x 19.3 x 6.4 cm)
Voltage: 115/230V AC 50/60Hz
Time Range: Full shot range of 0.008 to 99.99 seconds
CE certified

| | |
|-----------|---------------------------------------|
| TS9701 | Memory Digital Dispenser 0 to 100 psi |
| TS9701-15 | Memory Digital Dispenser 0 to 15 psi |

TS9765 Series Memory Digital Dispenser with Vacuum Gauge



These units have the same features as the TS9701, with an extra gauge to monitor vacuum suck-back.

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

Specifications

Size: 12.4" x 7.6" x 2.5" (31.5 x 19.3 x 6.4 cm)
Voltage: 115/230V AC 50/60Hz
Time Range: Full shot range of 0.008 to 99.99 seconds
CE certified

| | |
|-----------|--|
| TS9765 | Dispenser with Vacuum Gauge 0 to 100 psi |
| TS9765-15 | Dispenser with Vacuum Gauge 0 to 15 psi |

TS9150G Precision Dispensing System



The TS9150G series of time pressure dispensers are economical, high quality, micro-air dispensing systems. This precision fluid dispensing system includes vacuum control for all viscosities of fluids using air powered disposable syringes. Timer or Manual mode, suck-back adjustment, ideal for most applications.

Auto-ranging power source detection from 100 to 240VAC, 50-60Hz.

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

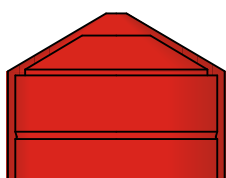
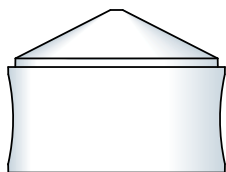
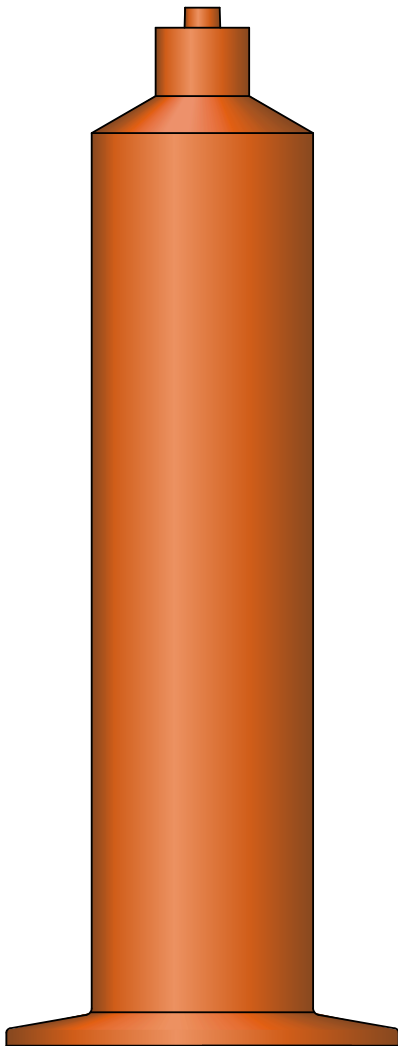
Specifications

| | |
|-----------------------------|---|
| Size: | 9.2" x 8.1" x 2.4" (23.4 x 20.6 x 6.1 cm) |
| Voltage: | 100-240VAC 50/60Hz |
| Time Range: | from 0.02 to 30 seconds |
| CSA Listed and CE Certified | |

| | |
|------------|------------------------------|
| TS9150G | Basic Dispenser 0 to 100 psi |
| TS9150G-15 | Basic Dispenser 0 to 15 psi |

700 SYSTEM DISPENSING SYRINGES

Techcon System'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 Series 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 | | 7550LL1BPK |

700 Series 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 | | 7550LL1BWPK |

700 System Air Powered Pistons

Spread the pressure evenly across product, using a piston, for consistent dispensing of even high viscosity products. 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



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 Techcon Representative for replacement O-rings and In-Line Filter #881-000-000.

| Size | 3' Hose | 6' Hose |
|---------|----------|----------|
| 3cc | 70303RHB | 70306RHB |
| 5cc | 70503RHB | 70506RHB |
| 10cc | 71003RHB | 71006RHB |
| 30/55cc | 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.

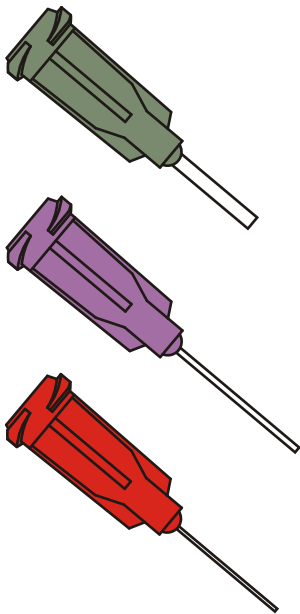
| Size | Manual Syringe Gun |
|------|--------------------|
| 5cc | TS705SG |
| 10cc | TS710SG |
| 30cc | TS730SG |
| 55cc | TS755SG |

700 SYSTEM DISPENSING NEEDLES

TE Needle Series

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

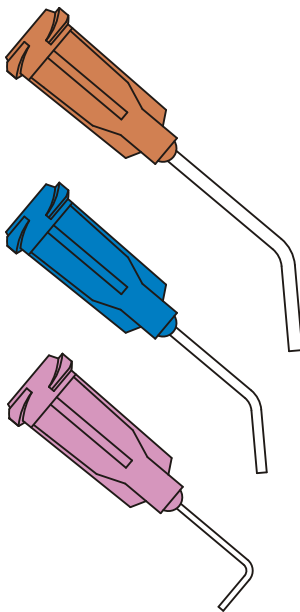
This premier line of dispensing needles is burr-free, and electro-polished cannula for unobstructed and consistent material flow. In addition they are silicone and chloride free. Sold in packs of 50.



| Gauge | 1/4" (6.35mm) | 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

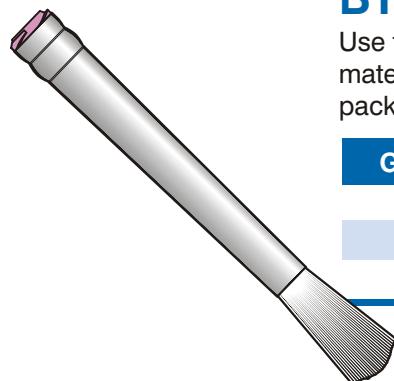
These TE needles are precision bent at 45° and 90° angles. Perfect for dispensing fluid in hard to reach places. Sold in packs of 50.



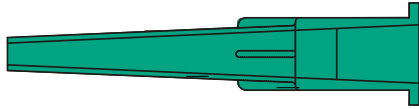
| Gauge | 1/2" (12.7mm) | | 1-1/2" (38.1mm) |
|-------|---------------|---------------|-----------------|
| | 90° | 45° | 45° |
| 14 | TE714050B90PK | TE714050B45PK | TE714150B45PK |
| 15 | TE715050B90PK | TE715050B45PK | |
| 18 | TE718050B90PK | TE718050B45PK | TE718150B45PK |
| 20 | TE720050B90PK | 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. Still brush is made of Nylon. Available in packs of 12.



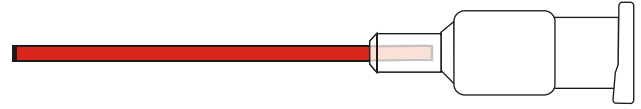
| Gauge | Soft Bristle | Stiff Bristle |
|-------|--------------|---------------|
| 16 | BT16-SOFTPK | BT16-STIFFPK |
| 18 | BT18-SOFTPK | BT18-STIFFPK |
| 22 | BT22-SOFTPK | BT22-STIFFPK |



TT Series Needles

These tips are molded in high-density polyethylene and include a 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 | Tan | TT14-1-1/4PK |
| 16 | Grey | TT16-1-1/4PK |
| 18 | Green | TT18-1-1/4PK |
| 20 | Pink | TT20-1-1/4PK |
| 22 | Blue | TT22-1-1/4PK |



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 Techcon System's most popular TE, TE Bent and TT Needles to let you test different needles to find the ones that fit your needs.


TN00DKIT

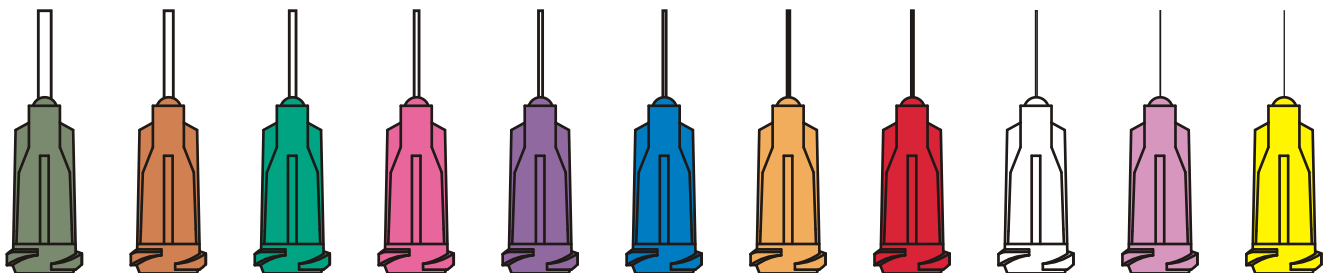
Needle Dispensing Kit



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 |



DISPENSING ACCESSORIES



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 |
| Operating Pressure: | 0 to 100 psi maximum |

| | |
|--------|----------------------------------|
| 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 |
|--------|--------------------------|



TSS107-3 Syringe Stand

Use for 700 System syringes.

| | |
|----------|---------------|
| TSS107-3 | Syringe Stand |
|----------|---------------|

Dispenser Starter Kit

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

| | |
|-------|-----------------------|
| DSKIT | Dispenser Starter Kit |
|-------|-----------------------|



TS8120 Vacuum Pencil

Use for pick and place function. Stand-alone vacuum pick-up requires shop air. May be fitted to all Techcon TS9700 Series Dispensers. Optional Mixed Kit of Vacuum Cups also available.

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



TS9010 Finger Switch Assembly

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

| | |
|--------|------------------------|
| TS9010 | Finger Switch Assembly |
|--------|------------------------|

TECHCON YOUR LIQUID ASSET

To meet the needs of customers throughout the world, Techcon Systems, an OK International brand, has sales, service and distribution centers in North America, Europe and Asia. Drawing on its organizational strengths and industry experience, Techcon's distribution network offers seamless, proactive support and access to the company's full range of products - around the globe.

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



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