

DISPENSERS

Entry level digital dispenser

TS250

Digital Dispenser
0 – 100 psi (0 to 6.9 bar)
for general dispensing
applications



TS255

Digital Dispenser 0 -15 psi
(0 to 1 bar) for precision dispensing
of low viscosity fluids

Features:

- User friendly firmware for quick and easy setup tasks
- Digital timer with 0.020 to 60.000s timer range
- Accurate and repeatable
- Adjustable vacuum
- Small footprint and stackable
- Supplied with universal power adaptor, air hose, foot pedal sample tips, syringe, syringe adaptor and syringe stand

Advanced digital dispensers

TS350

Digital Dispenser
0 – 100 psi (0 to 6.9 bar)
for a wide range of fluid viscosities



TS355

Digital Dispenser 0 -15 psi
(0 to 1 bar) for precision dispensing
of low viscosity fluids

Features:

- All read-outs displayed digitally: Time, pressure and Vacuum
- Digital timer with 0.008 to 60.000s timer range
- Accurate and repeatable
- User friendly firmware with 10 programmable Memories and 4 operating modes
- Small footprint and stackable
- Supplied with universal power adaptor, air hose, foot pedal sample tips, syringe, syringe adaptor and syringe stand

700 SERIES CONSUMABLES

Receiver head assembly – available in 3, 5, 10 or 30/55cc
Replace XX with 03, 05, 10 or 30 to determine syringe size
Replace * with 3 for 0.9M air hose or 6 for 1.8M air hose

7XX0*RHB



e.g. for a 10cc 0.9M receiver head, the part number is **71003RHB**

End caps - available in 3, 5, 10 or 30/55cc

Replace XX with 03, 05, 10 or 30 to determine cap size

7XX000CBPK



e.g. for a 10cc end cap, the part number is **710000CBPK**

Air powered pistons - available in 3, 5, 10 or 30/55cc

Replace XX with 03, 05, 10 or 30 to determine piston size

7XX0009WPK White Wiper
7XX0007BLPK Blue "Easy Flow"
7XX0006RPK Red Straight Walled



e.g. for a 10cc wiper piston, the part number is **7100009WPK**

Syringes - available in 3, 5, 10, 30 and 55cc

Replace XX with 03, 05, 10, 30 or 55 to determine syringe size
Replace * with N for natural, D for dark amber or B for black syringes

7XX0LL1*PK



e.g. for a 10cc natural syringe, the part number is **7100LL1NPK**

Stand-up tip cap

7015STC-PK



Tip caps double Helix thread

7015LLPK Orange tip cap
TE7015LBPK Black tip cap

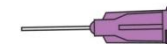


DISPENSING TIP OPTIONS

TE Series Tips - available in 14, 15, 18, 20, 21, 22, 23, 25, 27, 30 and 32 gauge
Replace XX with table over leaf to determine gauge
Replace *** with 025, 050, 100 or 150 to determine cannula length

TE7XX***PK

025 ¼" (6.35 mm) **Gauges 18 to 32**
050 ½" (12.7 mm) **Gauges 14 to 30**
100 1" (25.4 mm) **Gauges 14 to 23**
150 1-½" (38.1 mm) **Gauges 14 to 23**



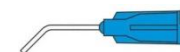
e.g. for an 18 gauge ½" TE needle, the part number is **TE718050PK**

TE Series Bent Tips - available in 14, 15, 18, 20, 21, 22, 23, 25, 27 and 30 gauge

Replace XX with table over leaf to determine gauge
Replace *** with 050, 100 or 150 to determine cannula length
Replace ●● with 45 or 90 to determine bent angle

TE7XX***B●●PK

050 ½" (12.7 mm) 90° **Gauges 14 to 30**
050 ½" (12.7 mm) 45° **Gauges 14 to 30**
150 1-½" (38.1 mm) 45° **Gauges 14, 18 & 21**



e.g. for an 18 gauge needle bent at 45° at ½" length, the part number is **TE718050B45PK**

TT Tips - available in gauges 14, 16, 18, 20, 22, 25 & 27
Replace XX with 14, 16, 18, 20, 22, 25 or 27 to determine gauge

TTXX-DHUV-PK
TTXX-RIGID-PK



e.g. for an 18 TT rigid tip, the part number is **TT18-RIGID-PK**

TS-P Plastic Tips - available in gauges 15, 16, 18, 20, 22 & 25
Replace XX with 15, 16, 18, 20, 22 or 25 to determine gauge

TSXP-1-1/2PK 1-½" (38.1 mm) **Flexible tip**



e.g. for an 18 gauge TS-P tip, the part number is **TS18P-1-1/2PK**

Brush Tips - available in gauges 16, 18 & 22
Replace ** with 16, 18 or 22 to determine gauge

BT**-SOFTPK **Soft Bristle**
BT**-STIFFPK **Stiff Bristle**



e.g. for an 18 gauge stiff brush tip, the part number is **BT18-STIFFPK**

MANUAL PISTONS AND PLUNGERS

Available in 3, 5, 10 and 30cc



Pistons

Replace XX with 03, 05, 10 or 30 to determine piston size
Replace **** with -LUB for lubricated version

7XX0002MPK
7XX0002M****PK

e.g. for a 10cc dry piston, the part number is [7100002MPK](#)
e.g. for a 10cc lubricated piston, the part number is [7100002-LUBPK](#)

Plungers

Replace XX with 03, 05, 10 or 30 to determine plunger size

7XX0004PPK

e.g. for a 10cc plunger, the part number is [7100004PPK](#)

*Syringes need to be ordered separately

ACCESSORIES



Manual Syringe Gun

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

TS710SG 10cc
TS730SG 30cc

Dispensing Tip Kit

This kit contains a variety of the most popular 700 Series TE, TE Bent & TT dispense tips.

TN00DKIT



APPLICATIONS

Heat sink compound

Dispense heat sink compound/thermal transfer compound onto electronic devices.

SMA (Surface Mount Adhesive)

Dispense SMA between surface mount component pads to ensure adhesion during PCBA reflow process

Grease

Dispense grease onto product surface for lubrication.

Solder paste

Dispense dot and beads for PCBA assembly.

Flux

Dispense flux onto PCBA pads to air solder process.

Silicone

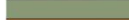





Dispense beads of silicone to form enclosure gaskets.

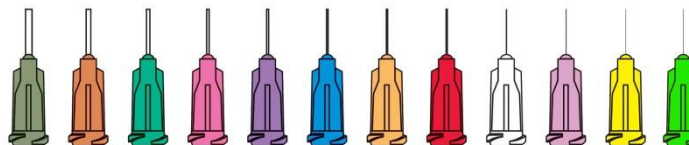
Anaerobic

Dispense low viscosity anaerobic onto screw/nut threads. 0 – 15 psi (0 to 1 bar) dispenser recommended.

Dispense Tip Color Coding

For TE Series and TE Bent Tips

	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
	34	Lime Green	0.0037	0.095



Bench Top Product Guide



www.techconsystems.com