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 tacks
- 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 and 55cc
Replace XX with 03, 05, 10 or 30 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 Ø with 45 or 90 to determine bent angle

TE7XX***BØØPK

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 or 25 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

TSXXP-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

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 and 55cc
Replace XX with 03, 05, 10 or 30 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 Ø with 45 or 90 to determine bent angle

TE7XX***BØØPK

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 or 25 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

TSXXP-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 aid 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

Bench Top Product Guide

www.techconsystems.com