

## Entry level digital dispensers

**DX-250**  
Digital Dispenser  
0 to 100 psi (0 to 6.9 bar)  
for general dispensing  
applications



**DX-255**  
Digital Dispenser 0 to 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 & repeatable
  - Adjustable Vacuum
  - Small footprint, stackable
  - Supplied with universal power adapter, air hose, sample tips, barrel, syringe adapter and syringe stand

## Advanced digital dispensers

**DX-350**  
Digital Dispenser  
0 to 100 psi (0 to 6.9 bar)  
for a wide range of fluid  
viscosities



**DX-355**  
Digital Dispenser 0 to 15 psi  
(0 to 1 bar) for low viscosity fluids


- Features:**
- All read-outs displayed digitally: Time, pressure and vacuum
  - Digital timer with 0.008 to 60.000s timer range
  - Accurate & Repeatable
  - User friendly firmware with 10 programmable memories and 4 operating modes
  - Small footprint, stackable
  - Supplied with universal power adapter, air hose, sample tips, barrel, syringe adapter and syringe stand

### 700 Series Components Part Numbering

- 3cc size, part number starts with 903 followed by
- 5cc size, part number starts with 905 followed by
- 10cc size, part number starts with 910 followed by
- 30cc size, part number starts with 930 followed by
- 30/55cc size, part number starts with 93055 followed by
- 55cc size, part number starts with 955 followed by

e.g. for a 3cc end cap, the part number is 903-EC


**Receiver Head Assembly** Available in 3cc, 5cc, 10cc, 30/55cc

- Pack of 1
-  -3RHB 3' Hose
  -  -6RHB 6' Hose

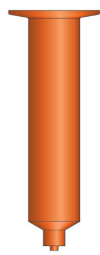

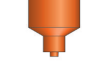
**End Caps** Available in 3cc, 5cc, 10cc, 30/55cc

-  -EC Red

**Air Powered Pistons** Available in 3cc, 5cc, 10cc & 30/55cc

-  -SWR Red Straight Wall
-  -WW White Wiper Piston


**Syringe** Available in 3cc, 5cc, 10cc, 30cc & 55cc

- Pack of 50
-  -N Natural
  -  -D Dark Amber
  -  -B Black

**Syringe Assembly Kits (Piston + Syringe)**  
Available in 3cc, 5cc, 10cc, 30cc and 55cc

- NW Natural

**Tip Caps Double Helix Thread**





-  900-ORT Orange
-  900-BTC Black

### 700 Series Needles Part Numbering




- 14 gauge, part number starts with 914 followed by
- 15 gauge, part number starts with 915 followed by
- 18 gauge, part number starts with 918 followed by
- 20 gauge, part number starts with 920 followed by
- 21 gauge, part number starts with 921 followed by
- 22 gauge, part number starts with 922 followed by
- 23 gauge, part number starts with 923 followed by
- 25 gauge, part number starts with 925 followed by
- 27 gauge, part number starts with 927 followed by
- 30 gauge, part number starts with 930 followed by
- 32 gauge, part number starts with 932 followed by

e.g. for a 14 gauge 1" TE needle, the part number is 914100-TE

**TE Needle** Precision dispensing for general applications

- Pack of 50
-  025-TE 1/4" Gauges 18 to 32
  -  050-TE 1/2" Gauges 14 to 30
  -  100-TE 1" Gauges 14 to 23
  -  150-TE 1-1/2" Gauges 14 to 23

**TE Bent Needle** Dispensing in difficult access applications

-  050-90BTE 1/2" 90° Gauges 14 to 30
-  050-45BTE 1/2" 45° Gauges 14 to 30
-  150-45BTE 1-1/2" 45° Gauges 14, 18 & 21

**TT Needle** High flow applications - Tapered with UV additive

-  125-DHUV Gauges 14, 16\*, 18, 20, 22, 25 & 27

**TS-P Plastic Needle** Flexible and non scratch needles for applications into difficult to access areas

-  150-PTS 1-1/2" Gauges 15, 16\*, 18, 20, 22 & 25

**Brush Tips** Use for spreading glues & greases  
Available in gauge 16\*, 18 & 22

- Pack of 12
-  BT-SOFT Soft Bristle
  -  BT-STIFF Stiff Bristle

16\* : Only the TT, TS-P and Brush Tips are available in 16 gauge  
For ordering, the part number starts with 916

## Accessories



### Finger Switch Assembly

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

DX9010 **Finger Switch Assembly**

### Syringe Holder

Use for 700 System syringes

SH-300 **Syringe Holder**

### Vacuum Pencil

Use for pick and place function. Stand-alone vacuum pick-ups requires shop air.

TS-8120 **Vacuum Pencil**

### Manual Syringe Gun

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

905-MSG 5cc 910-MSG 10cc  
930-MSG 30cc 955-MSG 55cc

### Needle Dispensing Kit

This kit contains a selection of OKi's most popular TE, TE Bent and TT needles.

900-NK **Needle Dispensing Kit**

### Foot Valve Dispensers

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.

924-DFV **Foot Valve Dispenser**  
924-DFV-VAC **Foot Valve Dispenser with Vacuum**



## Applications

### Heat sink compound

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

### SMA

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 dots & beads for PCBA assembly.

### Flux

Dispense flux onto PCBA pads to aid solder process.

### Silicon

Dispense beads of silicon to form enclosure gaskets.

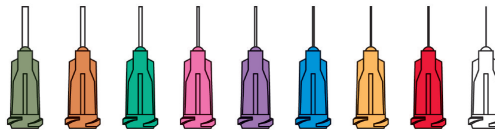
### Anaerobic

Dispense low viscosity anaerobic onto screw/nut threads. 0-15psi dispenser recommended.

## Needles Colour Coding

For TE Series and TE Bent Needles

Gauge	Color	I.D. (Inches)
14	Olive	0.063
15	Amber	0.054
18	Green	0.033
20	Pink	0.024
21	Purple	0.020
22	Blue	0.016
23	Orange	0.013
25	Red	0.010
27	Clear	0.008
30	Lavender	0.006
32	Yellow	0.004



[www.okinternational.com](http://www.okinternational.com)



BRO-FDPG-07

## Benchtop Fluid Dispensing Product Guide

**OKi**  
OK INTERNATIONAL™