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**

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 1st TE needle, the part number is 914100-TE**

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

<table>
<thead>
<tr>
<th>3’ Hose</th>
<th>6’ Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3RHB</td>
<td>-6RHB</td>
</tr>
</tbody>
</table>

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

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

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**

- **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-OR** Orange
- **900-BT** Black

700 Series Needles Part Numbering

- **TE Needle** Precision dispensing for general applications
  - **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, 16°, 18, 20, 22, 25 & 27

- **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
  - **16°** 8, 18, 20, 22 & 25
  - **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

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

**www.okinternational.com**

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**Benchtop Fluid Dispensing Product Guide**