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**E-DOME 3200™**  
XYZ-Motion Doming System

### PRODUCT DESCRIPTION

The E-Dome™ 3200 includes one XYZ dispensing robot, UV curing unit, customized stand and Q-Flow™ Table

### FEATURES & BENEFITS

**Single system to quickly dispense and instantly cure E-Dome™ 1-component resins**

- High productivity for doming of micro-scripting as well as most labels, decals, nameplates and restyling graphics
- Multiple parts can be produced from dispensing to full curing in just a few minutes

**XYZ dispensing robot with linear and circular motion interpolation, with an advanced dispensing head and nozzle design**

- Versatility to work with scripting and traditional doming applications
- Highly accurate and fast dispensing even for extremely thin parts

**Hand-held pendant programming, no purge or solvent cleaning required, fast set-up and installation**

- Extremely easy to program and operate
- One single operator can run the entire system
- Low maintenance costs
- High productivity and fast return for the investment

**Small footprint**

- Low overhead costs

**Many upgrade options available**

- Versatility to customize system to specific needs and budgets

### WARRANTY

The Q-Gear™ 3400 comes with our standard warranty, as outlined in Royal Adhesives & Sealants Canada Ltd.'s Equipment Warranty Statement.



## TECHNICAL DATA

XYZ Robot Working Space	15 3/4" x 15 3/4" x 4" / 400 mm x 400 mm x 100 mm
Material Type	E-Dome™ 1-Component instant curing resin
Curing Area	18" (450 mm) x Continuous
Curing Time	Instant curing (exact curing time varies according to part size)
Power Requirement	110V and 220V (single phase)

## E-DOME 3200™ XYZ-Motion Daming System

Size & Weight (approximate)	18' x 4' / 5.5 m x 1.2 m 220 lbs / 100 kg
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Maximum Dispensing Rate of E-Dome™ 8E-176	1.4 g/sec (3 oz/minute)
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Minimum Dispensing Rate of E-Dome™ 8E-176	0.01 g/sec (0.02 oz/minute)
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## ACCESSORIES & SPARE PARTS INCLUDED WITH THE DISPENSER

- 1 Dispense valve seal kit (ZVA-00001-01-12)
- 1 Valve spanner wrench (ZTL-00008)
- 5 Dispensing Needles (5 of each below):

• 14 gauge – dark green	OD: 2.11 mm	ID 1.70 mm	(ZVA-00021)
• 15 gauge – orange	OD: 1.83 mm	ID 1.52 mm	(ZVA-00022)
• 16 gauge – purple	OD: 1.65 mm	ID: 1.35 mm	(ZVA-00023)
• 18 gauge – pink	OD: 1.27 mm	ID: 0.97 mm	(ZVA-00024)
• 19 gauge – brown	OD: 1.07 mm	ID: 0.81 mm	(ZVA-00025)
• 20 gauge – yellow	OD: 0.90 mm	ID: 0.6 5mm	(ZVA-00026)
• 20 gauge – light green	OD: 0.81 mm	ID: 0.58 mm	(ZVA-00027)
• 20 gauge – black	OD: 0.71 mm	ID: 0.48 mm	(ZVA-00028)
• 20 gauge – light blue	OD: 0.64 mm	ID: 0.43 mm	(ZVA-00029)
• 20 gauge – dark blue	OD: 0.51 mm	ID: 0.30 mm	(ZVA-00030)

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