



SPECTRA™ FOUNDRY OPENING UNIFIED POD

The new look of performance

Overview

The Spectra™ FOUNDRY OPENING UNIFIED POD (FOUP) is a 25+1 capacity front-opening unified pod (FOUP) that provides clean and secure wafer transport, optimum automation integration and low cost of ownership for your facility.

Features

- Industry-proven door for equipment interoperability and long life
- Wafer supports integral with shell give excellent wafer plane performance and reliable wafer access
- Accurate equipment interfaces
 - Top robotic flange
 - Bottom kinematic coupling
- Ergonomic side handles for manual handling
- Unsurpassed cleanability and dryability
- Effective ESD path-to-ground
- ESD shell option provides added protection for wafers
- Purge capable
- High-strength assembly
- Wafers retained against shock and vibration
- Meets all applicable SEMI standards

Specifications

Overall Size/Weight	
Width	416 mm (16.4")
Depth	333 mm (13.1")
Height	335 mm (13.2")
Weight (empty)	4.2 kg (9.26 lb)
(with wafers)	7.3 kg (16.09 lb)



Materials of Construction

- Ultrapure polycarbonate used in the FOUP shell, door housing and door panels
- STAT-PRO® 3000 carbon-filled PEEK™ material used in wafer contact areas in the shell and wafer retainer
- STAT-PRO® 500 carbon-filled polycarbonate used in the ESD FOUP shell, door housing, door components
- Ultrapure thermoplastic elastomer (TPE) material used in the critical door seal

Configuration Options and Accessories

Color Options

- Color options on shell and door
- Five color options available: red, green, orange, clear and black (ESD shell only)

Configuration Options

- Info pads configurable by customer

Identification Options

- Cardholders
- Color handle inserts
- Bar code adhesive labels
- RFID molded-in or RFID pill

Ordering Information

These standard part numbers include a rear bracket and RFID pill in bottom horizontal position.

Part Number	Shell and Door Panel Color
SPECTRA-1000-04	Red
SPECTRA-1000-05	Green
SPECTRA-1000-09	Orange
SPECTRA-1000-16	Clear
SPECTRA-1000-02	Black-ESD

For More Information

To find out more about what Entegris can do for you, please call one of our Regional Customer Service Centers today.

Entegris Regional Customer Service Centers

	Telephone	Fax
North America	800-394-4083	800-763-5820
Europe	49-7264-9158-0	49-7264-9158-927
Japan	81-3-5442-9718	81-3-5442-9738
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Korea	82-31-738-5300	82-31-738-5301
Taiwan	886-3-5710178	886-3-5729520
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China	86-21-5080-5600	86-21-5080-5598

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The materials integrity management company

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