



300mm Load Port (FOUP Opener)

Model: FO-3100-XYZ

Standard Features

- ◆ *Compatible with SEMI 300mm FOUP*
- ◆ *loadport standards E15.1, E47.1, E57, E62, E64, E83, E110, S2, S8*
- ◆ *Compliant with both SEMI E63 BOLTS-M and E92 BOLTS Light interface standards*
- ◆ *Load port status sensing functions*
 - FOUP Present
 - FOUP Placement
 - FOUP Dock
 - FOUP Door Present
 - Wafer Protrusion
 - Finger pinch sensor
 - Vacuum Pressure
- ◆ *Modular design minimizes adjustments, maintenance and downtime*
- ◆ *RS232 communication interface*
- ◆ *Mapping Function*
- ◆ *Class 1 Cleanliness*
- ◆ *S2S8 Certification*

Options:

- ◆ *Optical PIO sensor*
- ◆ *Info Pad sensor*
- ◆ *N2 purge interface*
- ◆ *200mm adaptor*
- ◆ *200mm wafer mapping*
- ◆ *200mm wafer cassette RFID Reader/Writer*



USA

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Specification

Model		FO-3100-XYZ
Wafer Size		300mm
Carrier Type		300mm FOUP Compile with SEMI 47.1
Dimension		472(W)X493(D)X1386(H)
Weight		66 kg
Mounting	Mounting Point	900mm±10mm
	Bolting	ISO M8-6H
Cleanliness		Class1@0.1µm
Operation Time		With Mapping
		FOUP open: 17 sec
		FOUP Close: 10 sec
Communication		Serial RS-232, Parallel I/O
RFID Reader / Writer		TI 134.2kHz
Facility Requirement	Electricl	+24VDC, 5A
	Vacuum	- 80kpa
	CDA	5kg/cm ²

Model List

Model	Part Number	Features				
		12" RFID	Infor Pad	N2 Purge	8" wafer Mapping	8" RFID
FO-3100-111	9A74-00001	V	V	V		
FO-3100-110	9A74-00002	V	V			
FO-3100-101	9A74-00003	V		V		
FO-3100-100	9A74-00004	V				
FO-3100-000	9A74-00005					
FO-3100-011	9A74-00006		V	V		
FO-3100-001	9A74-00007			V		
FO-3100-010	9A74-00008		V			
FO-3100-110	9A74-00009	V	V		V	
FO-3100-110	9A74-00010	V	V		V	V



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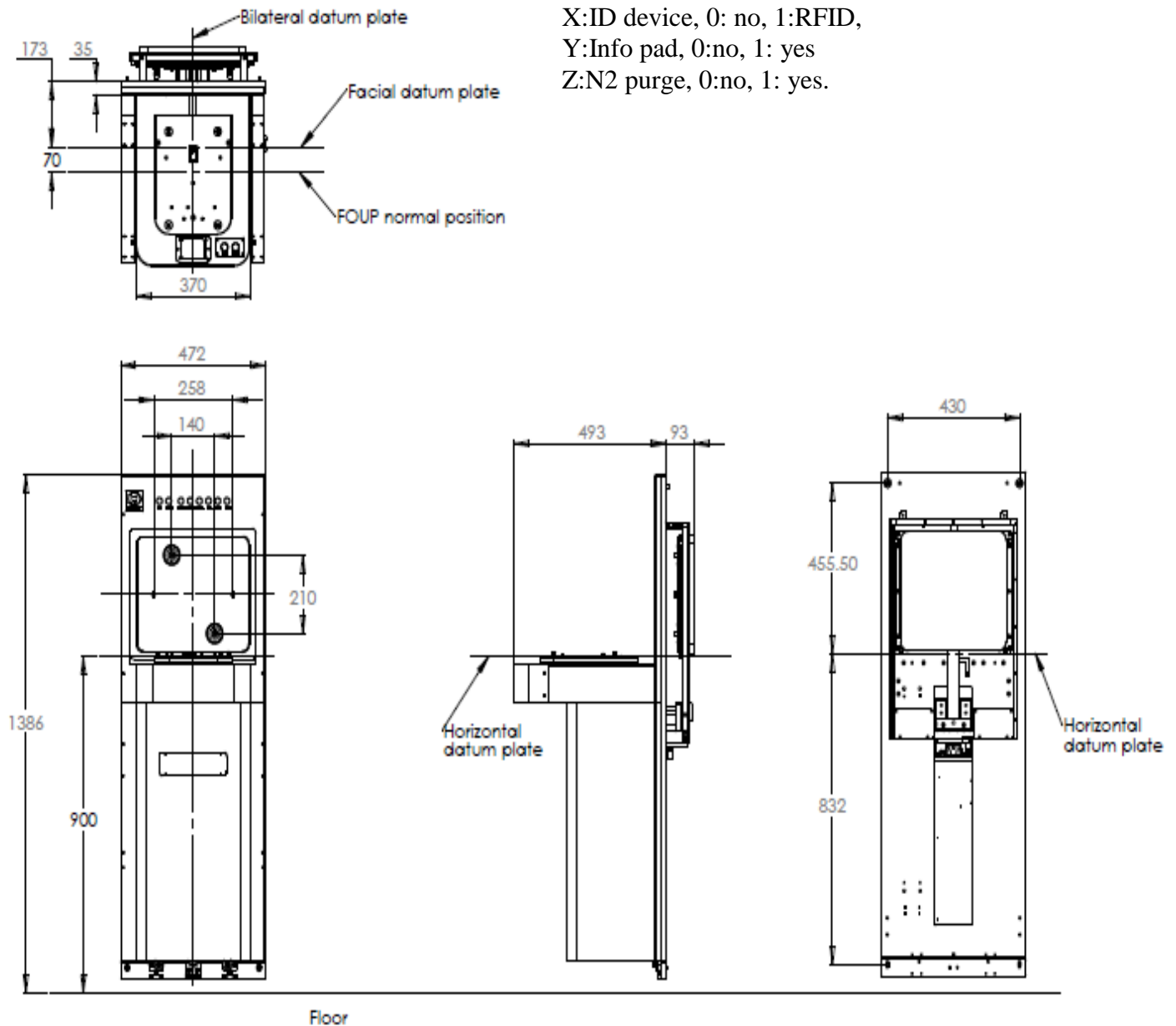
Dimension:

Model Number indicate
FO-3100-XYZ

X:ID device, 0: no, 1:RFID,

Y:Info pad, 0:no, 1: yes

Z:N2 purge, 0:no, 1: yes.



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