

STANDARD MOUNTING ADAPTERS

CMA SERIES

FEATURES

- Rapid installation - 2 screws
- Universal mount - 6 configurations
- Quick change - vacuum & pressure types
- Utility interface - pneumatic, electric & optical
- Secure holding - no slippage or leakage
- Rigid design - no flexing
- No end-effector damage
- Inexpensive - reusable and refurbishable

A high-tech ceramic end-effector requires a high-tech mounting adapter. The CMA series of end-effector mounting adapters provide both rigid mounting and utilities interfacing for the Standard Ceramic end-effector series.

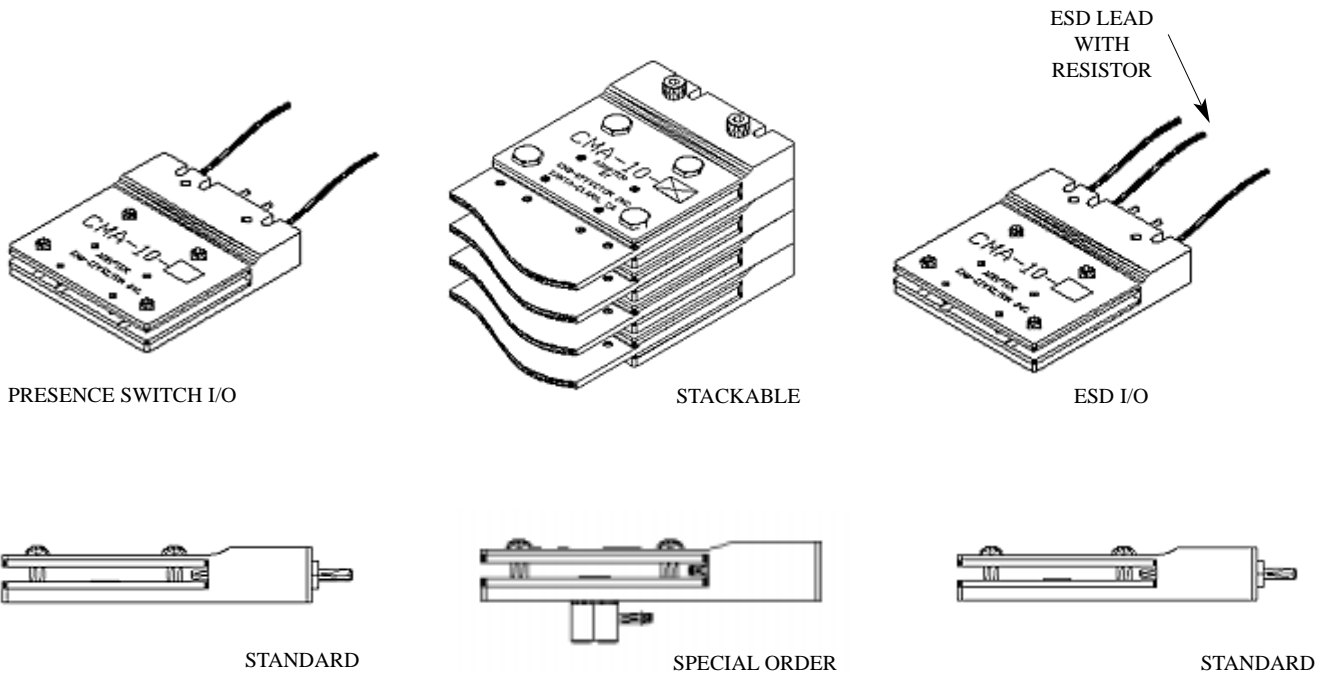
The CMA adapters provide pneumatic coupling for vacuum driving; electrical connections for wafer seating sense switches as well as ESD dissipation; fiber optic clamping for photonic wafer presence and location sensing, and electrical input for heater power and control. The CMA adapters are designed to securely hold ceramic end-effectors without fear of damage. An additional feature is the ability to stack end-effectors for multiple wafer handling.

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"Giving Robotics A Hand"

CMA-10 and -11 CERAMIC END-EFFECTOR MOUNTING ADAPTERS



CMA-10 (Bottom Port)

CMA-11 (Edge Port)

<u>PART NO.</u>	<u>BOTTOM PORT</u>	<u>EDGE PORT STACKABLE</u>	<u>STATIC WICK</u>	<u>SWITCH I/O</u>	<u>HEATER I/O</u>
CMA-10-1	✓				
CMA-10-2	✓		✓		
CMA-10-3	✓			✓	
CMA-10-4	✓				✓
CMA-10-5	✓		✓	✓	
CMA-10-6	✓		✓		✓
CMA-10-7	✓			✓	✓
CMA-10-8	✓		✓	✓	✓
<hr/>					
CMA-11-1		✓			
CMA-11-2		✓	✓		
CMA-11-3		✓		✓	
CMA-11-4		✓			✓
CMA-11-5		✓	✓	✓	
CMA-11-6		✓	✓		✓
CMA-11-7		✓		✓	✓
CMA-11-8		✓	✓	✓	✓