

# ASX-7000 Series OEM Autosampler Platform



## Flexible OEM Autosampler

The ASX-7000 OEM automation platform allows our partners to find the solution that they need. System was developed to scale in size and height to serve a wide range of industries. Sample volumes from 5  $\mu$ L to 800 mL are all utilized on one platform. Teledyne CETAC works with our partners to ensure that their needs are being met. The autosampler was developed with accuracy in mind enabling the use of 384 well micro titer plates.



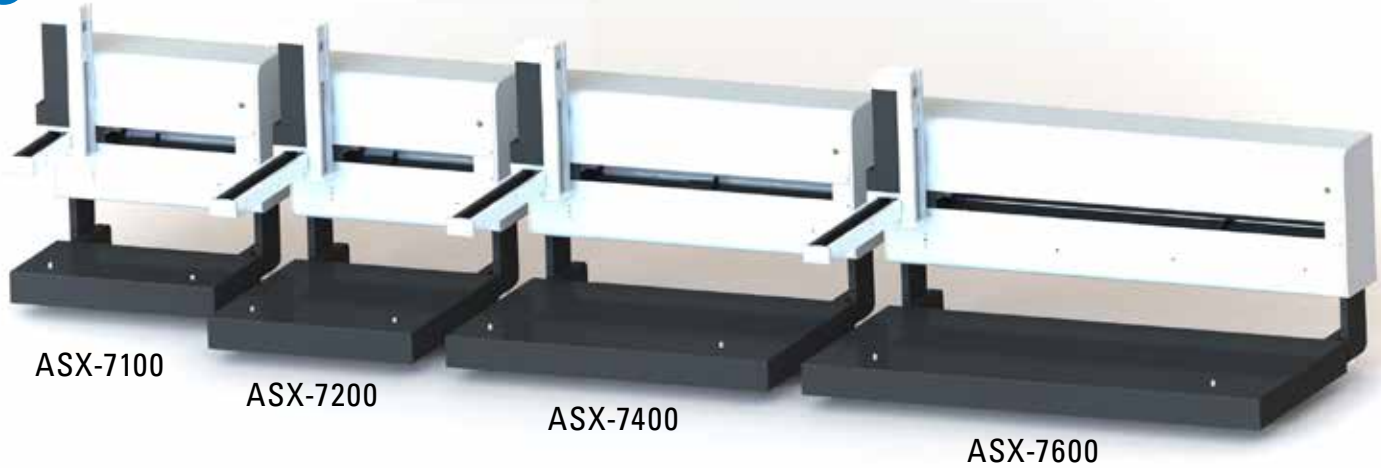
# ASX-7000 Autosampler Platform

## Pick Your Autosampler

One size fits all? At CETAC, we don't think so. That is why we offer 4 platform bases that can easily be configured to your specific application.

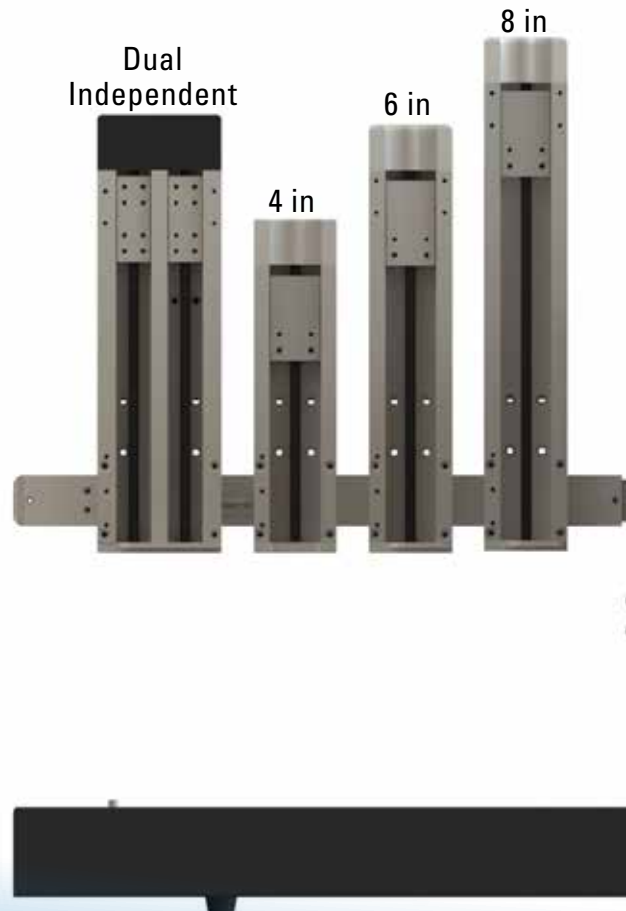
Four easy steps guide you through the process: ① ⇒ ④

### ① Pick Your Size



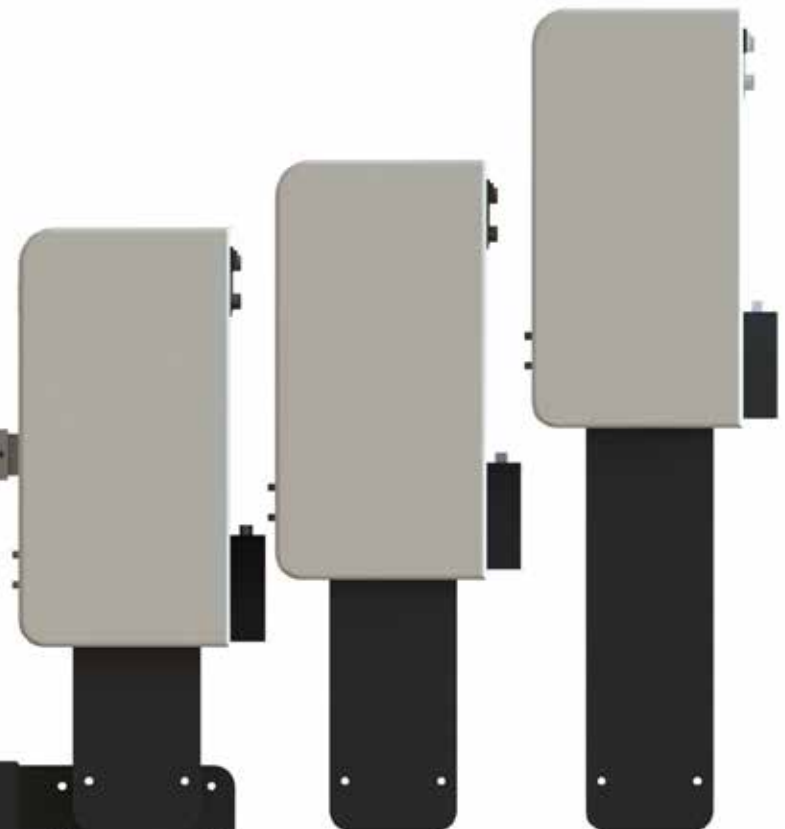
### ② Pick Your Z-axis

Single or dual independent with a wide range of movements.



### ③ Pick Your Height

Tall or short vials? Your equipment mounted on the deck for direct injection? Pick a size that fits...



## 4 Pick Your Technology

Fit your ASX-7000 with unique technologies to compliment your application.

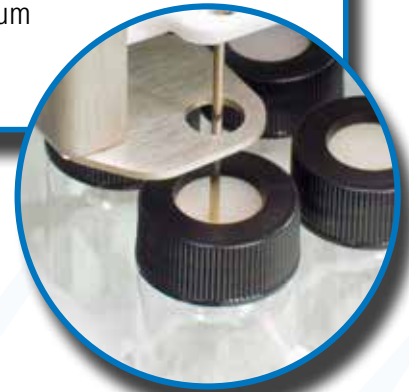
### Pick-N-Place

The ASX-7000 series platform is capable of precisely delivering racks and/or vials to user defined locations.



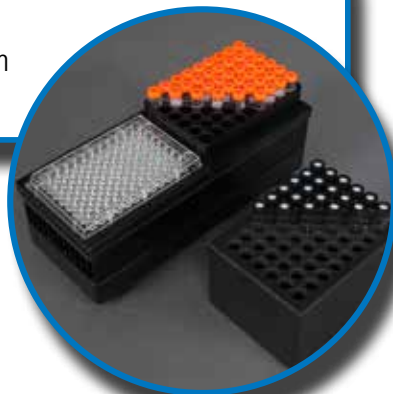
### Septum Piercing

Experience with many applications ranging from single to multiple septum piercing.



### Temperature Control

Cooling/heating option allows computer controlled temperature control of samples from 1°C to 70°C.



### Fraction Collection

Fraction collection and autosampling in one platform. Combining two techniques reduces required bench space.



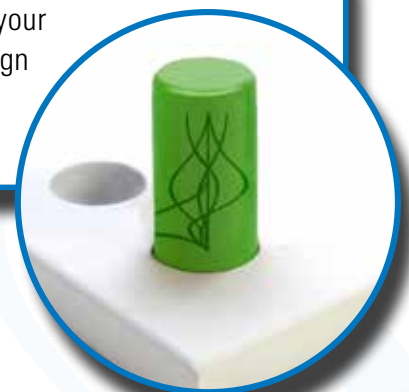
### Syringe Pumps

Accommodates multiple syringe pumps and a wide range of available syringes with volumes from 25  $\mu$ L to 50 mL.



### Your Technology

Is your technology key to the application? Our experts will integrate your hardware into the design of the instrument for a truly custom solution.



# Technical Specifications



	ASX-7100	ASX-7200	ASX-7400	ASX-7600
	<b>(W x D x H)</b>	<b>(W x D x H)</b>	<b>(W x D x H)</b>	<b>(W x D x H)</b>
<b>Space Requirements</b>	37 x 39 x 46 (14 x 15 x 18)	37 x 54 x 46 (14 x 21 x 18)	57 x 54 x 46 (22 x 21 x 18)	81 x 54 x 46 (32 x 21 x 18)
	<b>(W x D)</b>	<b>(W x D)</b>	<b>(W x D)</b>	<b>(W x D)</b>
<b>1 Working Area</b>	25.4 x 15.3 (10 x 6)	25.4 x 30.5 (10 x 12)	45.7 x 30.5 (18 x 12)	69.9 x 30.5 (27.5 x 12)
<b>2 Z-Axis Sizes</b>	Single Z Axis – 100 mm Single Z Axis – 150 mm Single Z Axis – 200 mm Dual Independent Z Axis – 150 mm			
<b>3 Available Heights</b>	150 mm 200 mm 250 mm 325 mm			
<b>Probe Positioning Resolution</b>	384 well microtiter plates			
<b>Drive Arm Capacity</b>	Max load for Y-axis arm - 22.2 N / 2.27 kg / 5.0 lbs			
<b>Vertical Punch Force</b>	Z-axis force = 31.4 N / 3.2 kg / 7.0 lbs			
<b>Max Axis Speed (mm/s)</b>	X Axis = 163 Y Axis = 142 Z Axis = 71			
<b>Weight</b>	18 kg (39 lbs)	21 kg (45 lbs)	23 kg (50 lbs)	35 kg (77 lbs)
<b>Communications Interface</b>	RS-232 or USB 4 Auxiliary Inputs / 4 Auxiliary Outputs			
<b>Power Requirements</b>	100-240 VAC, 47-63Hz, 1.9A			

## Rack and Vial Options

Accommodates most commercially available racks  
 Supports 2 mL vials to 1000 mL bottles  
 Supports SBS microtiter wells (384, 96)  
 Custom racks available

## Customization

For OEM customization, contact [oem@cetac.com](mailto:oem@cetac.com).