

ENC Series

Autosampler Enclosures



Protect Laboratory Personnel and Maintain Sample Integrity

Impurities from foot traffic, ceiling tiles, air-conditioning and dust affect your trace element analysis.

A dedicated autosampler enclosure protects laboratory personnel and laboratory equipment from corrosive liquid sample vapors; enclosure protection maintains sample integrity and enables reliable analytical results.

The ENC Series is a complete range of enclosures available for the full line of CETAC autosamplers.

WE'VE GOT YOU COVERED!

ENC DC Series Autosampler Enclosures protect personnel and samples while giving you well-deserved peace of mind. Our enclosures are engineered with benefits and options for convenient operation and enhanced safety.

ENC DC Series Enclosure Benefits and Options

- Protect personnel and samples.
- Save bench space with an enclosure sized to fit your autosampler (see table below).
- Flat pack design for convenient and less expensive shipping.
- Easy setup; no tools required.
- Simple access to samples and autosampler components via sliding front and rear doors.
- Shatter-proof polycarbonate construction.
- Non-metallic materials, including polycarbonate frame, silicone and polyethylene plugs, nylon fittings.
- Included 4-inch (10-cm) exhaust port flange allows for sample fumes to be removed via a laboratory exhaust system.
- Use the enclosure as a simple dust cover (without fan and filter).
- Optional items:
 - HEPA filter to trap particulates.
 - Positive pressure fan.

Multiple possible configurations for optional vent fan and filter.

- Compatible with multiple autosampler models, CETAC ASX-130, ASX-260, ASX-280, ASX-520, ASX-520HS, ASX-560, EXR-8, XLR-8, and XLR-860.



Filtered positive pressure enclosure. When fitted with the optional fan and HEPA filter, the enclosure provides a positive pressure enclosure.



Multiple egress ports provide convenient access to tubing and power cords for any laboratory and ICP setup.

	ASX-260 2 rack	ASX-280 2 rack	ASX-520(HS) 4 rack	ASX-560 4 rack	EXR-8/XLR-8 8 rack	XLR-8 ₆₀ 8 rack
ENC-280 DC	X	X				
ENC-560 DC	X	X	X	X		
ENC-860 DC					X	X



◀ **ENC-560DC**
for ASX-560 and 4-rack autosamplers

Height	65 cm (26 in)
Width	60 cm (24 in)
Depth	58 cm (23 in)
Weight	11 kg (25 lb)

ENC-280DC ▶
for ASX-280 and 2-rack autosamplers

Height	65 cm (26 in)
Width	43 cm (17 in)
Depth	58 cm (23 in)
Weight	8 kg (17 lb)



◀ **ENC-860DC**
for XLR-8₆₀ and 8-rack autosamplers

Height	98 cm (39 in)
Width	111 cm (44 in)
Depth	67 cm (27 in)
Weight	22 kg (49 lb)



ENC Series Anti-Contamination Enclosure Key Specifications

Dimensions

	Height	Width	Depth	Weight
ENC-560DC	65 cm (26 in)	60 cm (24 in)	58 cm (23 in)	11 kg (25 lb)
ENC-280DC	65 cm (26 in)	43 cm (17 in)	58 cm (23 in)	8 kg (17 lb)
ENC-860DC	98 cm (39 in)	111 cm (44 in)	67 cm (27 in)	22 kg (49 lb)

Shipping Dimensions

	Box 1	Box 2
ENC-560DC	31" X 31" X 7" at 30 lbs	No box 2
ENC-280DC	30" X 31" X 7" at 28 lbs	No box 2
ENC-860DC	31" X 41" X 7" at 30 lbs	19" X 54" X 8" 23 lbs

DC Enclosure Materials

- Polycarbonate Frame
- Silicone and Polyethylene Plugs
- Nylon Fittings

Exhaust

- 4" Fume Hood Exhaust Attachment
- Recommended Ventilation Rate:
Air flow rate of 10 to 15 cfm
(0.34 – 0.42 m³/min)

Optional Accessories

- HEPA Filter
- Positive Pressure Fan
- Base for Irregular Surfaces
- See Spare Parts Catalog for Additional Info

Flexible Configuration

Multiple configurations and optional accessories enable an enclosure to best suit your laboratory.

Multiple ports. Placement of the vent, tubing and power cords can be configured for any space.

Filtered positive pressure enclosure. When fitted with the optional fan and HEPA filter, the enclosure provides a positive pressure enclosure.

Vented enclosure. The addition of the flange allows the fumes to be removed through a laboratory exhaust system.

Dust cover. ENC Enclosures can be used without the fan and filter to function as a convenient dust cover.

Rigid base. ENC Enclosures can be fitted with an optional base for use on irregular surfaces.



Positive pressure fan and HEPA filter for DC Enclosures



Optional DC enclosure base