



General Site Preparation

This guide provides the information you need to prepare your site for installation and operation of the EDGE™ system. Visit the EDGE Products page on the CEM website for access to additional documentation. A CEM login is required.

Location Requirements

- Has adequate ventilation that can be accessed via the exhaust hose (no further than 10' away) to remove fumes from system
- Provides adequate space for sample handling
- Has a dedicated, grounded outlet no more than 5 ft (1.5 m) from unit
- Is free from the vibrations of large equipment
- Provides clear visual access to the display of the system
- The system weighs 70 lbs (31.75 kg) without rack or vessels
- Instrument Dimensions: 14.25" (37 cm) W x 25.53" (65 cm) D x 27.93" (71 cm) H
- Recommended counter space: 45" (115 cm) W x 30" (77 cm) D x 28" (71 cm) H
 - › The above provides 12" (31 cm) of open space on the right side of the system so that the racks can be easily loaded and 18.75" (48 cm) on the left side of the system for sample preparation and access to the power switch
- Do not position the EDGE so it is difficult to access the power switch

Electrical Requirements

- Region Specific
 - › 100 - 120 VAC, 50/60 Hz, 10 A
 - or
 - › 200 - 240 VAC, 50/60 Hz, 5 A
- Line voltage must not vary more than 10% of its specified level
- Dedicated, grounded outlet
- Instrument is supplied with a power cord or an adequately rated power cord may be used

Environmental Requirements

- Indoor use only
- Altitude up to 2000 m
- Operating Temperature range of 50°F (10°C) to 85°F (29.4°C)
- A fume hood within 10 feet of unit or adequate exhaust that pulls a minimum of 30.5 CFM at point of connection
 - › Instrument is supplied with a ten foot long exhaust hose with a 2" ID
- Relative humidity range of 10 % to 85%, non-condensing
- Overvoltage Category II
- Pollution degree 2