

SC2 Dimensions

- Length: 60.5 cm (23.8 in)
- Width: 51.3 cm (20.2 in)
- Height: 200.5 cm (78.9 in)

SC2 Tray Dimensions

- Length: 76.2 cm (30 in)
- Width: 61.0 cm (24 in)
- Height: 7.62 cm (3 in)

UHP Water Supply

- Supply water must be UPDIW at 18.2 MΩ
- Supply line must be 6 mm (0.25 in) O.D. plastic tubing
- Supply must be regulated to 2-3 BAR (30-45 psi)
- Supply must be able to maintain flow of 20 mL/min
- Supply line must be long enough to reach the intended location of the prepFAST S with an additional 1 m (40 in) in length for internal connection

Electrical Requirements

- 110-220V at 50-60Hz
- 10A Breaker
- 24V Switching Power Supplies Included

Exhaust Requirements

- 1.2 m³/min (40 cfm)
- Flexible hose that connects to the system
- Connection is 6.35 cm (2.5 in) O.D.

Waste Requirements

- The prepFAST S must be within 50 cm of either of the following two waste receptacles:
 - 1) A free-flowing, 1 in (24.5 mm) Schedule 80 PVC waste drain pipe, or
 - 2) A large chemically resistant waste container
- Waste will include sample(s) analyzed by the system, UPDIW, and a small amount of concentrated acid

Computer Requirements

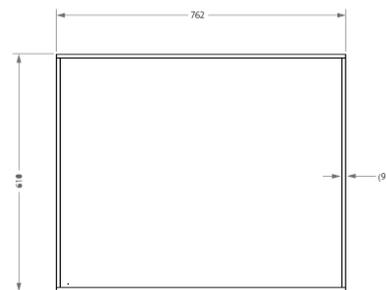
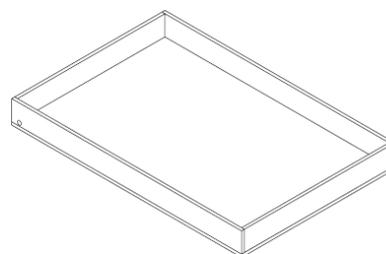
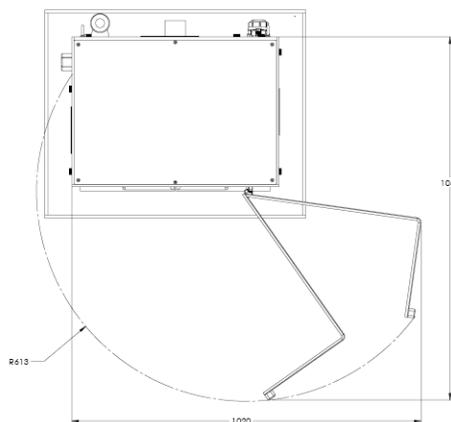
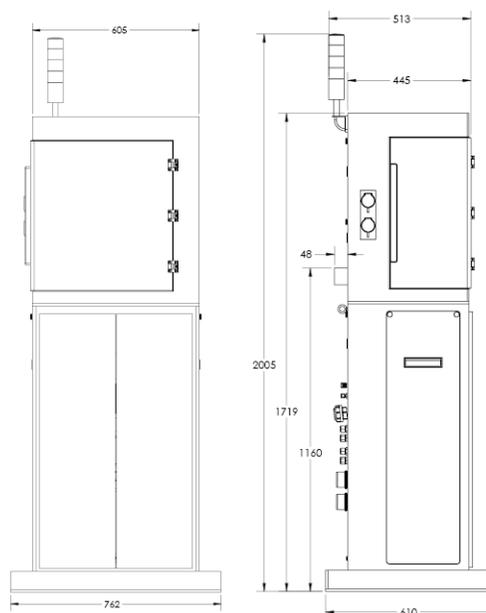
- Windows XP or Windows 7
- CD-ROM Drive for Software Installation
- Two Free USB Communication Ports
- 500 MB Free File Storage

Space Requirements

- Exhaust Line: Must reach to floor level where unit is to be installed
- Electrical Supply: Max. Length 4.5 m (15 ft)
- ICP-MS Connection: Max. Distance 2 m (6.5 ft)
- USB / Computer Connection: 4.5 m (15 ft)
- UPDIW: Must reach to prepFAST S + additional 1 m
- Waste Outlet: Max. Distance 0.5 m (20 in)

Environmental Conditions

- Ambient operating temperature 15C to 35C
- Ambient operating humidity 20-80% RH non-condensing



Compliance with EMI, Safety Standards

- C.E. Marking: Low Voltage Apparatus 73/23/EEC, EMC 89/336/EEC
- Emissions: EN61326, EN55011 Class A, Group 1
- Immunity: EN61326, EN6100-4-2, EN6100-4-3, EN6100-4-4, EN6100-4-5, EN6100-4-6, EN6100-4-11
- The U.S. Code of Federal Regulations, Title 47, FCC Part 15
- Industry Canada ICES-003
- Safety: EN61010-1:2010

Installation and Warranty

- Installation and operation should be carried out by the supplier at end-user's site.
- One-year warranty service should be provided by the supplier.