



WORLDWIDE LEADER OF SOURCE SAMPLING EQUIPMENT

▷ **XC-572/XC-572-D**  
**METRIC SAMPLING CONSOLE**  
**ISOKINETIC SOURCE SAMPLER**

The **XC-572** is a full-featured, compact, and lightweight Isokinetic Source Sampler. It has all the great features you want and the reliability you need. Field set up is easy with non-reversible external pump connections and the industry standard 5-pin electrical connector.

The console allows operators to monitor gas velocities, temperatures, pressures, and sample flow rates for maintaining isokinetic sampling conditions.

The **XC-572** displays units in metrics, with a digital display option; **XC-572-D**. For imperial units, please view our **XC-523** model.



**Model XC-572**

The reliable console every isokinetic source sampler needs.

## Features

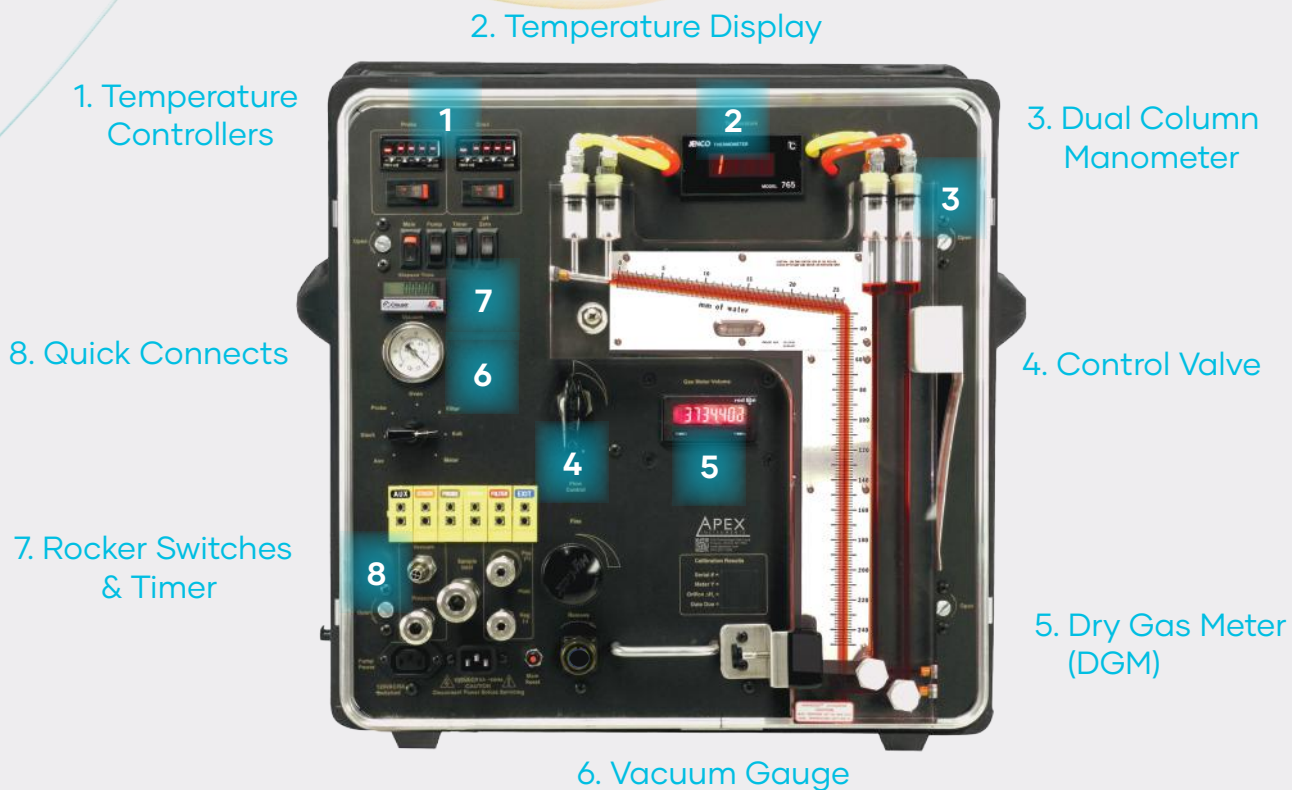
- Precision gas meter with orifice
- Rugged and lightweight roto-molded linear low-density polyethylene (LLDPE/LMDE) case with two molded-in ergonomic carrying handles
- Low-cost manual console
- Easy operation and maintenance
- Rugged, lightweight, stackable case
- Removable 19-inch front panel
- Carry strap for easy transport
- Non-reversible sample pump connections
- Color-coded thermocouple jacks
- Bright, easy-to-read temperature displays
- Easy-leveling dual-column manometer
- Stainless-steel quick connects and fittings
- Convenient layout for manual data recording





## ▶ XC-572D

### METRIC SAMPLING CONSOLE WITH DIGITAL DISPLAY ISOKINETIC SOURCE SAMPLER



## Specifications

**Dry Gas Meter:** Model SK25EX-100B , Multi-chamber positive displacement, Qmax: for air 4.1m<sup>3</sup>/h at 220 Pa, Qmin: 0.26 L/min resolution 0.2 Liter, Cyclic volume: 0.7L, 41 LPM max, 400 pulses per revolution, Accuracy: 1.5% at volumes greater than 10 liters, Type-K thermocouple for exit temperature

#### Manometer:

- Inclined/Vertical manometer for determining stack velocity and sample flow rate
- Inclined range of 0-26 mm H<sub>2</sub>O with a resolution of 0.2 mm
- Vertical range of 26-250 mm H<sub>2</sub>O with 2 mm divisions
- Fabricated from solid acrylic, precision-bored, accurate to +/- 1%
- Convenient self-sealing chrome plated brass quick connects with Viton O-rings
- Supplied with plastic plugs for a positive secondary seal

**Temperature Display:** Panel mount digital thermometer, Bright red LED display, Type-K thermocouple with Range -105°C to 1372°C, Separate 7 channel selector switch

**Temperature controllers for probe and oven:** Fuji PXR3 compact, Programmable thermocouple type, Range 0°C to 1200°C, Digital setting by 3 keys with lock function, NEMA 4X/IP66 equivalent waterproof faceplate, Large red 4-digit LED display, Alarm output capable

**Vacuum Gauge:** dual-scale vacuum gauge, 0-30 inHg / 0-100 kPa

**Sample Pump Connections:** 3/8-inch quick connects, stainless-steel, non-reversible

#### Umbilical Connections:

- Sample inlet: 1/2 inch stainless steel quick connect
- Pitot lines: 1/4 inch stainless steel quick connect
- Electrical: 5 Pin female bayonet PT series amphenol circular connector
- Thermocouples: quantity 6 type-K inputs, standard size

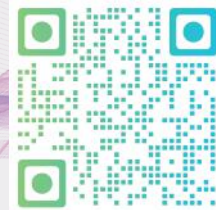
**Pitot Lines:** 1/4-inch stainless steel quick connect

**Electrical:** 4 conductor circular connector

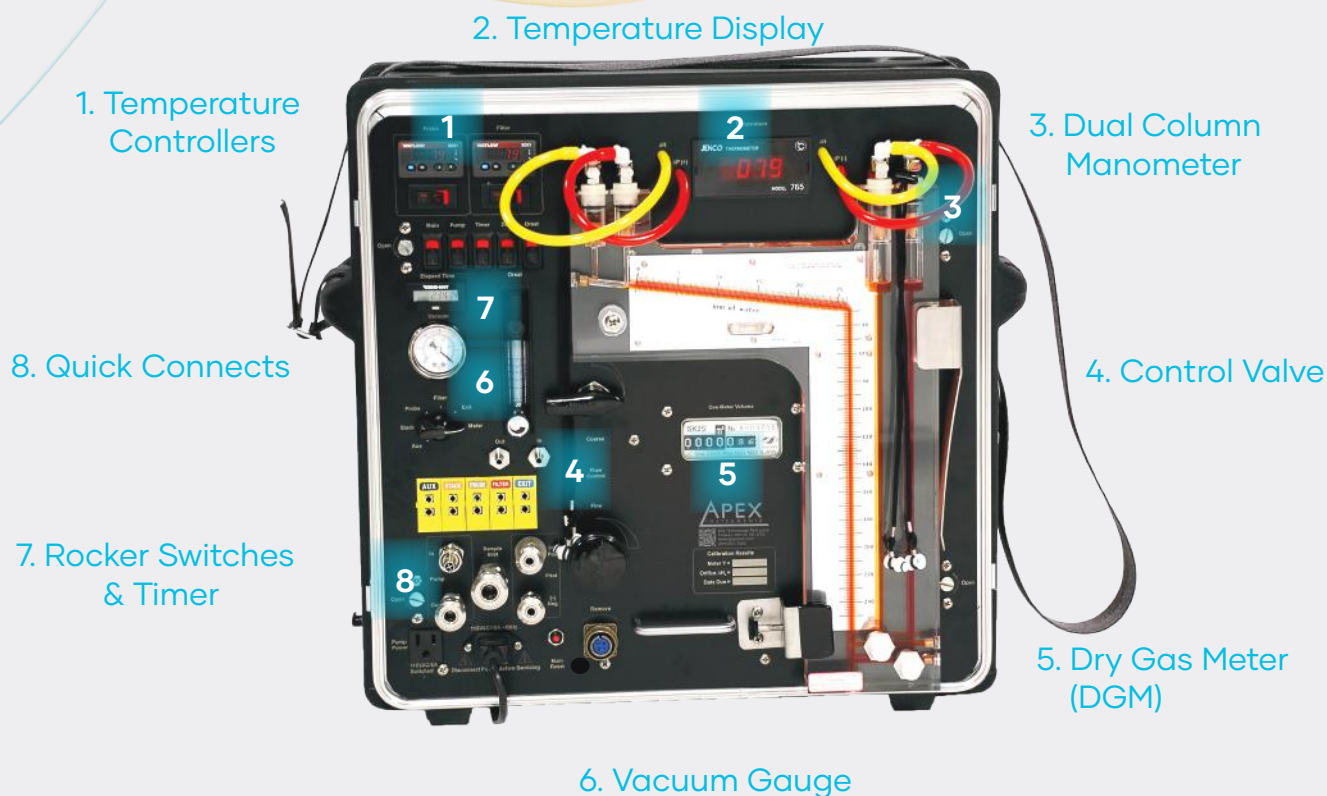
**Power:** 120 V at 60 Hz standard (240 V at 50 Hz optional)

**Dimensions:** 23" x 21" x 12" (58 x 53 x 30 cm) 19-Inch Panel

**Weight:** 40 lbs (18 kg)



## ▶ XC-572 METRIC SAMPLING CONSOLE ISOKINETIC SOURCE SAMPLER



### Specifications

**Dry Gas Meter:** Model SK25EX, Multi-chamber positive displacement, Qmax: for air 4.1m<sup>3</sup>/h at 220 Pa, Qmin: 0.26 L/min resolution 0.2 Liter, Cyclic volume: 0.7L, 41 LPM max, Volume display via mechanical index, Accuracy: 1.5% at volumes greater than 10 liters, Type-K thermocouple for exit temperature

**Manometer:**

- Inclined/Vertical manometer for determining stack velocity and sample flow rate
- Inclined range of 0-26 mm H<sub>2</sub>O with a resolution of 0.2 mm
- Vertical range of 26-250 mm H<sub>2</sub>O with 2 mm divisions
- Fabricated from solid acrylic, precision-bored, accurate to +/- 1%
- Convenient self-sealing chrome plated brass quick connects with Viton O-rings
- Supplied with plastic plugs for a positive secondary seal

**Temperature Display:** Panel mount digital thermometer, Bright red LED display, Type-K thermocouple with Range -105°C to 1372°C, Separate 7 channel selector switch

**Volume Display:** Panel mount, bright red LED display totalizer, resettable

**Temperature controllers for probe and oven:** Fuji PXR3 compact, Programmable thermocouple type, Range 0°C to 1200°C, Digital setting by 3 keys with lock function, NEMA 4X/IP66 equivalent waterproof faceplate, Large red 4-digit LED display, Alarm output capable

**Vacuum Gauge:** dual-scale vacuum gauge, 0-30 inHg / 0-100 kPa

**Sample Pump Connections:** 3/8-inch quick connects, stainless steel, non-reversible

**Umbilical Connections:**

- Sample inlet: 1/2 inch stainless steel quick connect
- Pitot lines: 1/4 inch stainless steel quick connect
- Electrical: 5 Pin female bayonet PT series amphenol circular connector
- Thermocouples: quantity 6 type-K inputs, standard size

**Power:** 120VAC at 60Hz standard (240VAC at 50Hz optional), IEC C14 male receptacle

**Dimensions:** 23" x 21" x 12" (58cm x 53cm x 30cm), 19 inch panel

**Weight:** 40 lbs (18kg)