

ISOKINETIC SOURCE SAMPLING EQUIPMENT

ISOKINETIC SOURCE SAMPLING CONSOLE - MANUAL

The XC-500 Series Sampling Console is a rugged, lightweight metering console used to extract gas samples in accordance with US EPA Method 5 for determining source emissions for dust and fumes. The Apex Isokinetic Source Sampler allows the operator to monitor gas velocities, temperatures, pressures and adjust sample flow rates to maintain isokinetic sampling conditions. Comes with digital temperature controllers, a choice between digital or liquid manometers, digital temperature displays and external pump connections. Stainless steel fittings and quick connects are standard. Units in the XC-500 Series are available in Standard or Metric units, 110V or 220VAC, optional internal orsat pump.

XC-500 Series Sampling Console features a molded, rugged X-case with side handles for attaching the easy carry strap. The X-case allows for rear door access. Apex Instrument's Isokinetic Sampling Consoles are manufactured to conform to the construction design criteria and specifications cited in U.S. EPA Method 5, Code of Federal Regulations (40 CFR Part 60) and APTD-0581 documents. All Apex consoles are calibrated prior to shipping.

XC-572 (Metric)



Slide Out Front Panel

The meter console has a slide-out panel for easy access.

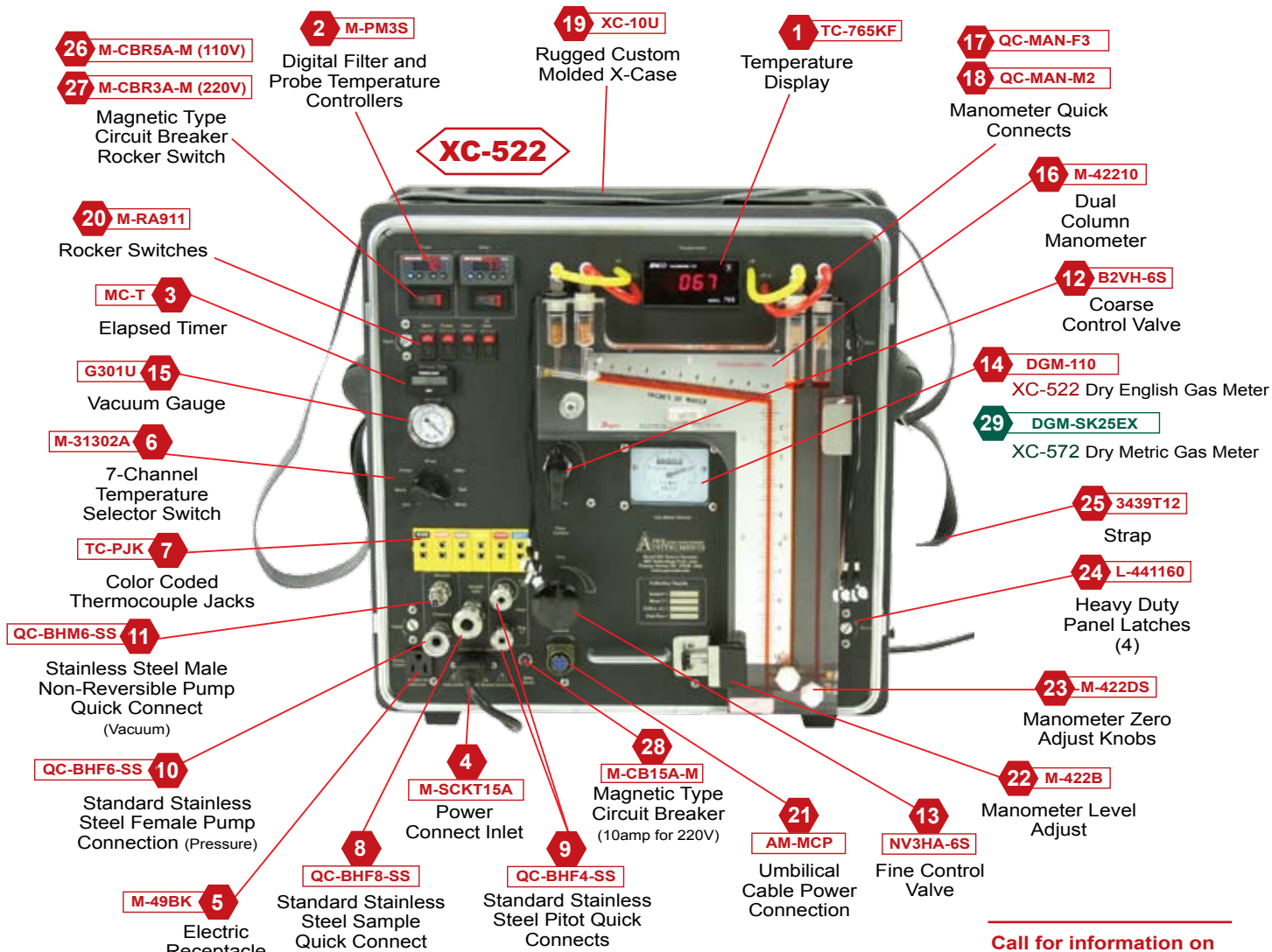
XC-522 (English)



Rear View

Removable back panel allows for quick audits.

XC-522 SOURCE SAMPLING CONSOLE (ENGLISH)
XC-572 SOURCE SAMPLING CONSOLE (METRIC)



XC-522 and XC-572 Components List

**Call for information on
110V / 240V Models.**

Part Number	Description	Part Number	Description
1	TC-765KF Display, TC, PNL, LED, 120/220V	18	QC-MAN-M2 QC-Manometer, M-1/4HB, Delrin
2	M-PM3C Controller, Temp, Red LED, Watlow	19	XC-10U Black RotoRack Shallow Case
3	MC-T Timer, MC, Veeder-Root	20	M-RA911 Switch, Curvette, EC Comp., I-O
4	M-SCKT15A Conn, Pwr, IEC Inlet 15A/250V	21	AM-MCP Replacement Meter Console Wired Amphenol Sub-Assembly
5	M-49BK Recept, EL, Snap-In, Term	22	M-422B Bracket, Manometer, Adjust, Stainless Steel
6	M-31302A Switch, TC, 7 Channel	23	M-422DS Manometer Displacer Knob
7	TC-PJK TC Jack, Type K, PNL, Snap-In	24	L-441160 Latch, Panel, Screw, Large
8	QC-BHF8-SS QC, Blkhd, 1/2IN-1/2TU, F, SS	25	3439T12 Webbing, 2", Black Nylon
9	QC-BHF4-SS QC, Blkhd, 1/4IN-1/4TU, F, SS	26	M-CBR5A-M Magnetic Type Circuit Breaker Rocker Switch, 5 Amp., 120V
10	QC-BHF6-SS QC, Blkhd, 3/8IN-3/8TU, F, SS	27	M-CBR3A-M Magnetic Type Circuit Breaker Rocker Switch, 3 Amp., 240V
11	QC-BHM6-SS QC, Blkhd, 3/8IN-3/8TU, M, SS	28	M-CB15A-M Magnetic Type Circuit Breaker, 15 Amp., Used in 120V Consoles as Main Breaker
12	B2VH-6S Valve, Ball, 3/8TU, SS, PNL, Nut		
13	NV3HA-6S Valve, Needle, Angle, 3/8T-3/8T, SS		
14	DGM-110 Meter, Dry Gas, 110 Rockwell		
15	G301U Gage, Vac, 0-30HG, 1.5IN, PNL		
16	M-42210 Manometer, Dual, PNL, 0-10" H2		
17	QC-MAN-F3 QC-Manometer, F-1/8MNPT		
		XC-572 (Metric)	
		29	DGM-SK25EX SK25EX Dry Gas Meter