Leman Instruments

AERO STATION 20RC-CAT – ZERO AIR GENERATORS WITH ON BOARD COMPRESSOR

AIR

DESCRIPTION

LEMAN-Instruments designed the **AEROSTATION 20RC-CAT** product line of **Zero AIR Generator with on board compressor**, to fit almost any type of application which needs independent supply of high purity AIR close to the consumer in an elegant 19" casing with full color display and touchpad.

Compressed Air is filtered throughout a hot catalytic chamber to remove CO, CH4 and HC.
After the purification process, pressure is regulated by a external manual valve, between 0.5 and 5 bar.(7 to 70 psig).

Models with outflows of **2 L/min** AIR are available.

Each instrument is equipped with high performance communication interfaces (RS485, Ethernet) to create a very flexible gas network with local or central control.

Due to the software being focused on safety, automatic regulation and intuitive and reliable communications, the **AEROSTATION 20RC-CAT** are easy to install, reliable, safe and pleasant to operate.

BENEFITS

✓ Reduces in operation costs. Return on investment within 15months.

✓ Improves resolution and detection limit. Provides High pressure stability.

✓ ZERO AIR available 24/7 at constant purity. No contamination.

✓ Independent source of High Purity AIR. Does not require any piping. Can be easily moved around the laboratory.

✓ Low noise compressor < 55dB(A)).

✓ Long life compressor with power economy function.

✓ Very safe operation, internal leak-test, automatic shut-down, protection against over-temperature.

✓ No handling, No storage, No cylinder rental fee.

AEROSTATION 20RC-CAT

SPECIFICATIONS

Models	AEROSTATION 20RC-CAT-2000
	Ed 23/12
AIR Outflow @ 1013/20°C	AEROSTATION 20RC-CAT-2000 : 2L/min
Output AIR purity	• < 0.05 ppm HC • < 0.05 ppm CO and CH4
Output Pressure	Adjustable from 0.5 to 5 bar. (7 to 72psig)
Compressed AIR	Supplied by internal oil free compressor
Manual control	Through a 4.3" TFT-LCD color display with touchpad, located on the front panel. Display of major parameters, functioning status and alarms. Intuitive navigation to functions by menus and sub menus. (option)
Remote control	■ Through 2 potential free relay contacts (I/O), ■ USB.RS485 (Mod-Bus) or Display. (option) ■ Trough Ethernet 10/100 network (option) ■ Log book download by USB. (option)
Sound pressure	< 55 dB(A), measured at 1m
Ambient Temperature	+10 to +35°C
Outlet fitting	Stainless steel 1/8" compression
Power supply	From 90VAC to 260VAC, 47 to 63 Hz
Power consumption	AEROSTATION 20RCCAT -x : max. 450W
Dimensions	W=483mm/19ins, H=132mm/5.2ins (3U), D=520mm/21ins
Weight (net)	AEROSTATION20RC-CAT-x :10Kg
Certification	CE

ORDERING NUMBERS

Model	Article #
AEROSTATION20RC-CAT-2000	724191

Model	Article #
RS485 Interface option	724180
Ethernet Interface option	724181
4.3" Display with touchpad (Option)	724189