

Compressed Gas Condenser CEC201

I. Introduction

CEC201 series dual-channel gas condenser is a kind of compressed high efficiency moisture removing, used in gas pretreatment system of gas analysis system. It can protect moisture and corresponding corrosion to the gas analyser and guarantee the lifespan of gas analysers.

II. Specifications

Items	Descriptions
Working ambient temperature	5°C~50°C
Inlet gas temperature	≤180°C
Inlet gas dew point	≤80°C (@ 25°C)
Outlet gas dew point	≤4°C (@ 25°C)
Condensing control temperature	Factory set at 4.0°C
Temperature controller fluctuation	3.0°C±1.0°C (@ 25°C)
Condensing method	fluoride-free compressor
Gas condensing pipe	A+B glass heat exchange pipes, diameter * heightΦ40mm*150mm
Inlet gas pressure	≤3bar
Allowed gas differential pressure range	≤3mbar (gas flow 2NL/min)
Gas capacity	250NL/min
Trouble alarm	Low temperature alarm, deviation alarm, power off alarm; alarm status dry contact output, capacity 250Vac/1A
Peristaltic pump *2 pcs	5r/min, discharge capacity 0.3L/h, left IN and right OUT
withstand voltage testing standard	AC1500V

Leak current	≤3.5mA
Inlet gas connector	OD6mm (OD8mm optional)
Water drainage port	OD6mm (OD8mm optional)
Warming-up time	≤30min
Installation method	Wall-mounted plate installation
Power supply	220VAC 50Hz
Power supply consumption	400W
Cabinet size (W×H×D)	310*280*290mm
Cabinet color	RAL7035 grey
Weight	18kg
4-20mA output	optional

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