Precious Metals Recovery Unit

AT600P

Key Features

- Manual or automatic control
- CC/CV operation mode
- Direct interface to remote sensors
- Direct interface to routable anodes
- Inrush current limitation
- Multiple automatic protection
- Quit operation
- Little space
- High reliability
- Low cost

Description

The AT600P device is a constant power source, able to operate both in CV (constant voltage) and CC (constant current) modes, expressly designed to supply power in galvanic precious metals recovery process.
Output voltage is settable from 0 to 5VDC with an output current limit adjustable from 0 to 12 Ampere.

The device is also provided with a 4-20mA standard interface circuit that allows it a direct connection to remote sensors for automatic control of galvanic recovery process.
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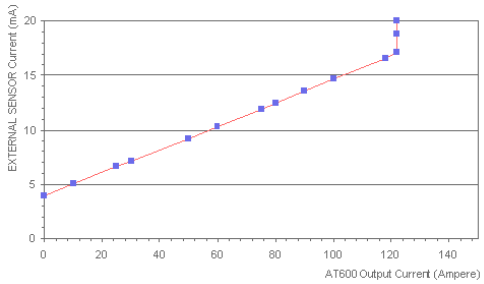


Technical Characteristics

ELECTRICAL

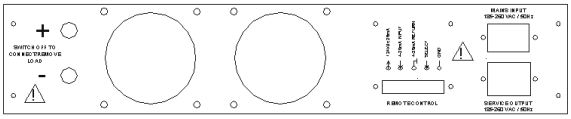
Input voltage	: 115 Vac or 220 Vac 50/60Hz
Output power	: 600 Watt maximum
Insulation	: 2750 Vac (Output to Earth) 5000 Vdc (Output to Earth)
Bath voltage	: from 0 to 5Vdc
Bath current	: from 0 to 120 Ampere
Current shape	: 12 Ampere / micro sec
Regulation	: voltage <10mV current < 35mA
Noise	: < 50mVpp
Accuracy	: 1%
Heat sink	: forced air

Operative temperature from 10°C to 50°C

CONTROL

Interface	: 4-20mA standard
Supply	: 24CVdc – 26mA
Enable	: opto-isolated remote command
Alarm	: opto-isolated remote signal

Mechanical Layout (Unit: mm)



Dimension	: rack 19’ 2U - L 350mm
Weight	: 9 Kg
Color	: RAL-9006Metal

CONNECTIONS

Input	: IEC-10A standard socket
Service	: IEC-10A standard plug
Output	: 2 x screws M8
Control	. 5 x screws M3

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