

AMP TIME METERS



In electrodeposition the rate of metal deposited is directly proportional to the current and time applied.

By measuring the amount of current (amps) and time (minutes or hours) we can determine the amount of metal used and also the consumption of chemicals.

This gives the basis for accurate deposition thickness, cost of process and when additions are needed.

There are 2 types of Amp Time meter available from us.

Model 515 which totalises the amp time and is read out on the front panel.

Model 555 which has the same facilities as the 515 with the additions of more control and automation of the process control.

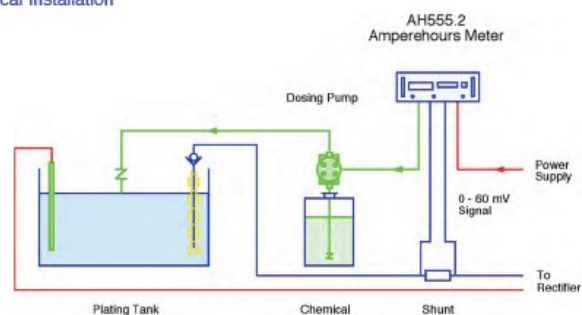
Amp time meters can be supplied as ready to panel mount, integral with our rectifiers or in separate enclosures with facilities for connecting to your existing system.

Monitoring for our meters can either be via your existing shunt or we can supply shunts in most values.

Please send us your specifications for more information.

See page 2 for more details

Typical Installation



Registered office: Unit Z, Hamstead Industrial Est,
Austin Way, Great Barr, Birmingham, B42 1DU
Reg. No: 1414313 VAT No: 294 5870 13
Tel: 44 (0) 121 358 1456 Fax: 44 (0) 121 357 4159
Email: info@balco.co.uk Website: www.balco.co.uk
Manufacturing processing equipment since 1969



AMP TIME METERS



Model 515 meter

4 digit meter with high visibility display

Can be set to amp minutes or amp hours

Shunt value adjustable from 10 to 10,000 amps 60—75mV

Ready for panel mounting

12 months Guarantee, made in EC

Model 555 meter

As the Model 515 but with the following additions

Pre set facility to allow the rectifier to be turned off via a suitable control circuit.

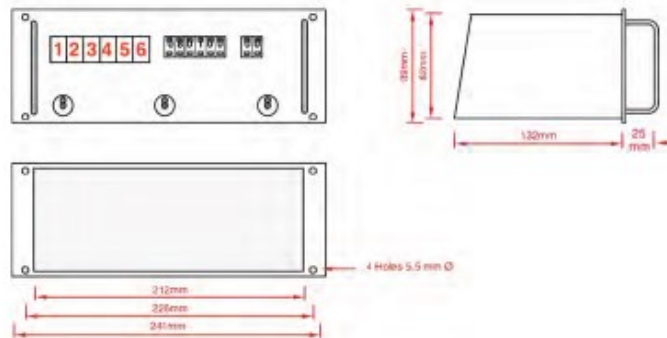
Preset counter 1—9999

Dosing timer, adjustable to connect to a suitable pump to allow the controlled additions of consumed chemicals.

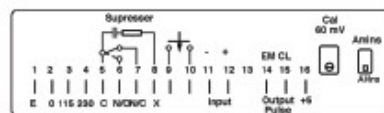
Process timer, adjustable 0-99 minutes

12 months Guarantee, made in EC

Dimensions



Connections



CONNECTIONS

- 1 Earth
- 2-3 115 Volt
- 2-4 230 Volt
- 5 N/O
- 5 Common
- 7 N/C
- 8 RC Network
- 9-10 Ex Reset
- 11-12 Input shunt
- 14-15 Output pulse
- 60 mV Input Trimmer pot

Connectless AR 555.2

March 2014



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