



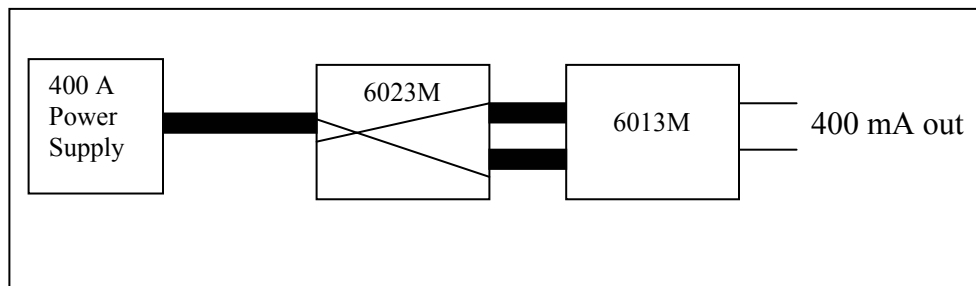
## Model 6013M Automated 400 Amp Range Extender

*400 Amp Range Extender  
1000:1 Capability  
1 Ohm to 1  $\mu$ Ohm Comparisons  
400 Amp Shunt Measurement System  
One of a Kind*

### General Description:

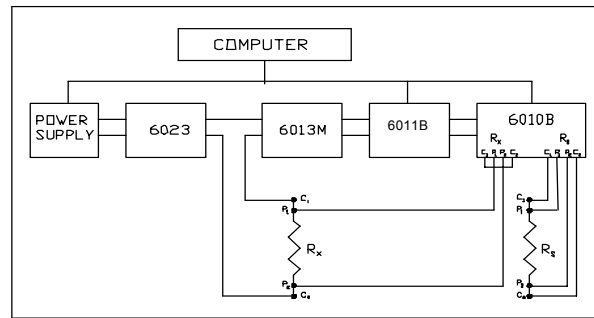
The 6013M precision DC range extender is based on direct current comparator technology. The 6013M provides a precision current division ratio of 1000:1 to a maximum of 400 amperes on its primary with 400 milliamperes out. Used in conjunction with the Model 6023 reversing switch, the 6013M can reverse currents up to 400 amperes.

The 6013M may be used as a stand-alone device to divide high DC Currents down to workable levels.



The 6013M Range Extender is also used in the Measurements International's Shunt Measurement System with the 6010B/ 6011B and 6023 high current reversing switch for ratios of 1,000,000:1 to measure a 1  $\mu\Omega$  resistor against a 1  $\Omega$  standard (Model 9210) automatically for direct comparisons up to 400 amperes. This completely Automated "turn key" Current Shunt Measurement System includes a 6010B and 6011B and is the only system of its kind commercially available worldwide.

# Model 6013M



6013M used as range extender with the 6010B

## Specifications:

Maximum Ratio	1,000:1
Maximum Input Current	400 Amps
Maximum Output Current	0.4 Amps
Linearity	< 1 PPM for 10% of Full Scale Current
Accuracy	< 1 PPM
Current Resolution	< .05 PPM of Full Scale Current
Output Compliance	10V DC
Operating Environment	18 to 34°C, 10 to 80% RH
Warranty	1 Year Parts & Labor

## Dimensions:

172 x 439 x 381 mm

## Weight:

21 kg

## Shipping Weight:

26 kg

## Accessories:

6023 Reversing Switch

## Operating Power:

100, 120, 220, 240V - 50/60 Hz

## Distributed By:

## How to Order:

Model: 6013M - 400 Amp Extender

