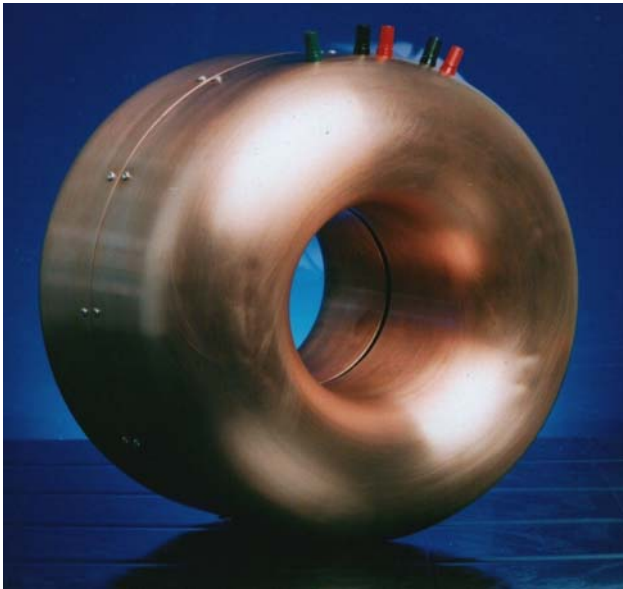


>368,688789 12437,23 2933 977 56-203 88849<  
>163,65546 67818,7 23967 911 56-203 88849<  
>198,65546 65612,23 2829 955 56-203 46549<  
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>198,643636 78617,73 2289 783 56-203 55549<  
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>145,523286 64486,22 2889 966 56-203 88849<  
>368,688789 12437,23 2933 977 56-203 55549<

## DATA SHEET

### MODEL 7020H



### Current Transformer

- Two Stage Compensation Technology
- Single & Multiple Ranges
- Negligible Current Errors
- Low Burden
- Wide Measurement Range
- Low Uncertainties

### MODEL INFORMATION

The Model 7020H series of Compensated Current Transformers use passive two stage compensated technology. The main advantage of a two stage compensated CT is that the effective burden is 0 when feeding into another compensated CT such as the current input on the Model 2010A Wattmeter. As a result, the errors of the CT are effectively reduced to zero in both magnitude and phase. Lead length becomes unimportant and there is no further concern for any additional active components.

The model 7020H can be supplied as a single or multiple ratio device. Current transformers up to 5000 amps (5000:1 ratios) or as low as 100 amps can be supplied with 1 amp or 5 amp outputs. The housing consists of spun aluminum for proper shielding and strength.

The Model 7020H was originally developed to be used in loss measurement systems where the accuracy over the full range was important. It is also suitable to be used as a standard current transformer for CT Test Sets or for measuring range extension for Tan Delta measurements of high capacitance values using the Model 7010 series of capacitance bridges. All current transformers have a 50% over range capability.

>366,666789 12437,22 2000 977 56-203 88849  
 >163,65546 67818,7 23987 911 56-203 88849  
 >198,65546 65612,23 2829 955 56-203 46549  
 >198,65546 65612,23 2829 95556 203 46549  
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 >124,634546 78672,23 7779 683 56-203 88349  
 >458,11142 83417,73 2397 876 56-203 83339  
 >145,523286 64486,22 2689 986 56-203 88849  
 >368,688789 12437,23 2833 977 56-203 55549



**Specifications:**

**Model 7020 – 2000**

Nominal Ratio	Primary Current	Ratio Error	Phase Error
2000:1	2000 Amps	< ± 10 PPM	< ± 10 PPM
2000:1	1000 Amps	< ± 10 PPM	< ± 10 PPM
2000:1	500 Amps	< ± 10 PPM	< ± 10 PPM
2000:1	100 Amps	< ± 10 PPM	< ± 10 PPM
2000:1	50 Amps	< ± 10 PPM	< ± 10 PPM
2000:1	25 Amps	< ± 10 PPM	< ± 10 PPM
2000:1	10 Amps	< ± 20 PPM	< ± 10 PPM

**Model 7020 – 600**

Nominal Ratio	Primary Current	Ratio Error	Phase Error
600:5	600 Amps	< ± 10 PPM	< ± 10 PPM
600:5	300 Amps	< ± 10 PPM	< ± 10 PPM
600:5	150 Amps	< ± 10 PPM	< ± 10 PPM
600:5	75 Amps	< ± 10 PPM	< ± 10 PPM
600:5	50 Amps	< ± 10 PPM	< ± 10 PPM
600:5	25 Amps	< ± 10 PPM	< ± 10 PPM
600:5	10 Amps	< ± 20 PPM	< ± 10 PPM

Product Details (7020H-2000)	
<b>Dimensions:</b>	Diameter 460 mm(18 in) x D200 mm(8 in)
<b>Weight:</b>	46 kg
<b>Shipping Weight:</b>	52 kg
<b>Warranty</b>	1 Year Parts & Labor

Data Subject to Change-Revision 1

**MI-Canada**  
 Measurements International Ltd.  
 PO Box 2359, 118 Pirelli Drive  
 Prescott, Ontario, Canada K0E 1T0

Phone: (613) 925-5934

Toll-Free: 1-800-324-4988  
 Fax: (613) 925-1195  
 Email: sales@mintl.com

**MI-USA**  
 Measurements International Inc.  
 812 Proctor Ave.  
 Ogdensburg, NY, USA 13669

Phone: (315) 393-1323

Toll Free: 1-800-324-4988  
 Fax: (315) 393-1452  
 Email: sales@mintl.com

**MI-Europe**  
 Druzstevni 845  
 686 05 Uherske Hradiste  
 Czech Republic

Phone: (420) 572 572 801  
 Fax: (420) 572 572 358  
 Email: mieurope@mintl.com

[www.mintl.com](http://www.mintl.com)

