

# elcometer® **213 Digital Thermometer**



## Features

The Elcometer 213 Digital Thermometer allows quick and easy measurements for a wide range of applications using the k-type thermocouple:

- Elcometer 213/1: Measurement of Surface and air temperatures
- Elcometer 213/2: Measurement of liquid temperatures
- Elcometer 213/3: Needle probe for soft material temperatures
- Measures temperature in the range of  $-50^{\circ}\text{C}$  to  $850^{\circ}\text{C}$ , (the maximum temperature is dependant on probe type), with high accuracy and resolution. Quick temperature response.

## Specifications

	<b>Elcometer 213/1</b>	<b>Elcometer 213/2</b>	<b>Elcometer 213/3</b>
Operating Range	Surface Probe: $-50$ to $600^{\circ}\text{C}$	$-50$ to $1100^{\circ}\text{C}$	$-50$ to $400^{\circ}\text{C}$
Accuracy	Magnetic Probe: $-50$ to $150^{\circ}\text{C}$ $\pm 1\%$ of the reading $\pm 1$ digit	( $850^{\circ}\text{C}$ maximum for unit) $\pm 1\%$ of the reading $\pm 1$ digit	$\pm 1\%$ of the reading $\pm 1$ digit
Time Constant	$\sim 1$ second	$\sim 1$ second	$\sim 1$ second
Ambient Temperature		$0$ to $50^{\circ}\text{C}$	
Instrument Display Range		$-50$ to $850^{\circ}\text{C}$	
Weight		$200\text{g}$	
Power Supply		$1 \times 6\text{F}22$ (9V) Battery	

## Part Numbers

<b>Model</b>	<b>Description</b>	<b>Part Number</b>
Elcometer 213/1	Elcometer 213 Digital Thermometer with Surface and Magnetic Probe	G213--M1B
Elcometer 213/2	Elcometer 213 Digital Thermometer with Liquid Probe	G213--M2B
Elcometer 213/3	Elcometer 213 Digital Thermometer with Needle Probe	G213--M3B

