

# Black Panelist, Clear Panelist, Stylist.



## Black Panelist (Phenolic)

**Models:** 303 (3 1/2"), 503 (4 1/2"),  
603 (5 1/2") (shown)

- ▲ Rugged Phenolic Case
- ▲ Thick Glass Window
- ▲ Wide selection of Ranges
- ▲ Customized Scales available

A rugged case and thick glass window make the black Phenolic Panelist suitable for industrial environments.

## Clear Panelist

**Models:** 202 (2 1/2"), 302 (3 1/2")  
502 (4 1/2"), 602 (5 1/2") (shown)

- ▲ Clear plastic Case and Window
- ▲ Front mounting standard
- ▲ Wide selection of Ranges
- ▲ Customized Scales available

The Clear Panelist is popular for front-mounting applications. It can also be mounted behind the panel with special hardware.

## Stylist

**Models:** 1202 (2 1/2"), 1302 (3 1/2")  
1502 (4 1/2"), 1602 (5 1/2") (shown)

- ▲ Bezel for behind-the-panel mounting of the Clear Panelist

A Clear Panelist can be converted to a Stylist by simply adding a bezel. A small stock of panelist/stylist can meet many production requirements that would otherwise require a large inventory of instruments. The bezel attaches the instrument to the panel with two simple retaining clamps.

Black Panelist, Clear Panelist & Stylist Specifications					
Specifications	DC Ranges		AC Ranges (Rectifier Type)		Pyrometer
	Current	Voltage	Current	Voltage	
Accuracy	±2%	±2%	±3%	±3%	±2%
Tracking	Optional	Optional	Optional	Optional	N/A
Balance	±1%	±1%	±1%	±1%	±1%
Repeatability	Taut band	< 1/4%	< 1/4%	< 1/4%	< 1/4%
	Pivot-and-Jewel	2%	2%	2%	N/A
Resistance Tolerance	±20%	±5%	————	< 10V ±20% ≥ 10V ±5%	N/A
Overload Capacity	1 Second	1000%	≤ 100V 1000% > 100V 200%	150%	150%
	Continuous	150%	120%	150%	150%
Calibration Frequency	————	————	60 Hz	60 Hz	N/A
Overshoot (maximum)	20%	20%	20%	20%	N/A
Response Time (maximum)	Sensitivity ≥50µa	1.5 sec	1.5 sec	1.5 sec	1.5 sec
	Sensitivity <50µa	3 sec	3 sec	3 sec	3 sec

Effects of shock, vibration, humidity and temperature are equal to or better than ANSI C39.1-1981.  
Safety (dielectric test, leakage and other hazards): instruments are equal to or better than ANSI C39.5-1974.  
The above tolerance limits apply to the standard ranges listed in this bulletin. Special instruments may vary from these limits.  
Rated circuit to ground voltage = 800 Vrms (1100 Peak).

DC Ranges	
DC Microamperes	5 to 1000
DC Milliamperes	1 to 1000
DC Amperes	1 to 50
DC Millivolts	5 to 1000
DC Volts	1 to 500

Process Ranges	
DC Milliamperes	1-5 4-20 10-50
DC Volts	1-5, 0-10

AC Ranges (Rectifier Type)	
AC Microamperes	100 to 1000
AC Milliamperes	1 to 1000
AC Amperes	1 to 50
AC Millivolts	250 & 500
AC Volts	1 to 500

### Black Panelist (Phenolic) Dimensions

Model	Height	Width	Depth*
303 (3 1/2")	3.12	3.27	1.80
503 (4 1/2")	4.27	4.71	1.86
603 (5 1/2")	4.36	5.75	1.86

### Clear Panelist Dimensions

Model	Height	Width	Depth*
202 (2 1/2")	2.31	2.28	1.82
302 (3 1/2")	3.02	3.16	1.85
502 (4 1/2")	4.15	4.60	1.85
602 (5 1/2")	4.25	5.62	1.85

### Stylist Dimensions

Model	Height	Width	Depth**
1202 (2 1/2")	1.47	2.59	2.55
1302 (3 1/2")	2.02	3.53	2.55
1502 (4 1/2")	2.94	5.04	2.55
1602 (5 1/2")	3.39	6.14	2.55

### Thermocouple Pyrometers

Contact Factory

### VU Meters

Contact Factory

Dimensions are in inches.

\* Depth = front of panel to end of terminals.

\*\* Depth = 2.55" + panel thickness.

See price sheet for part numbers.

Contact Factory for more information & dimensional drawings.

**ISE, Inc.**

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