

# 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.

Made in the USA

Black Panelist, Clear Panelist			Specifications			
Specifications		DC Ranges		AC Ranges <small>(Rectifier Type)</small>		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%	< 1/4%
	Pivot-and-Jewel	2%	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%	N/A
	Continuous	150%	120%	150%	150%	N/A
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	N/A
	Sensitivity <50μA	3 sec	3 sec	3 sec	3 sec	N/A

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

Thermocouple Pyrometers	
Contact Factory	

## 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

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.