

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.



Black Panelist, Clear Panelist		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%	2%
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

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.