

OPAC100 SPECIFICATIONS

Operational:

Light source: red light emitting diode

Accuracy: +/- 3 % opacity

Response time: < 3 seconds

Angle of projection: less than 5 degrees

Angle of view: less than 5 degrees

Resolution: 0.1 % opacity

Path length correction factor (PLCF): adjustable

Outputs: One linear 4-20 ma analog output.

Two spdt alarm contact relays, opacity warning, opacity alarm. Values user adjustable.

Environmental:

Ambient temperature: - 30 to +10 F

Media temperature: maximum 1000 F

Pressure: - 10 up to + 5 inches H₂O

Pathlength: 2 to 30 feet

Moisture: dry to saturated (non condensing)

Electrical requirements:

Purge blowers: 115vac /15 amps (220v / 50hz available)

Electronic control unit: 115 vac / 2 amps (220v / 50 hz available)

Source to electronic unit wiring: 20 feet included

Detector to electronic unit wiring: 20 feet included

(Consult factory for longer wiring lengths)

Physical:

Transmissometer side 9 ½ inches long 3 inches diameter.

Detector side 9 ½ inches long 3 inches diameter.

Remote Electronics unit:

Height:10 inches Width: 10 inches Depth: 4 inches