






**TECHNOCRATIC SERVICES**

ISO 9001:2015 Certified Company

## Photometer for HEPA filters testing/Integrity /PAO/DOP testing

Name	Image																
<p><b>Aerosol Photometer DP-30 Summary</b>  DP-30 Aerosol Photometer is a kind of special test instrument to test the leakage of HEPA, designed on the base of light scattering principle, displays real-time leakage rate by detecting aerosol concentrations of upstream and downstream. Applicable for testing clean rooms, laminar flow benches, biosafety cabinets, glove boxes, HEPA vacuum cleaners, HVAC systems, HEPA filters, ULPA filters, negative pressure filtration units, surgical suites, nuclear filter banks, collective protection filters, etc.</p> <p><b>User friendly interface</b>  3.5" LCD display, menu driven interface. Aerosol measurements, real time concentration and pump sampling rates are prominently displayed for easy viewing. System parameters and selections such as alarm types, alarm set points and aerosol reagent are shown on the lower menu bar, while icons at the top of the screen give the status of connection, alarm type, reporting mode.</p> <p><b>Portable scan probe</b>  The Probe acts as an extension of the base instrument through a nearly identical user interface. All status and selection icons from the base unit are represented on 2.8" LCD, which can improve work efficiency and give immediate presentation when find leakage.</p> <p><b>Easy to trace measurement result</b>  DP-30 has three independent reporting functions storage/continuous/print modes, the result can be printed out by a thermal printer.</p> <p><b>Performance guaranteed</b>  DP-30 adopts import pump (Britain), import light source (Japan) and the sensor produced with top domestic precision process technology (same as the domestic aerospace technical standard), and has been independently tested and qualified to ensure compliance with all applicable electrical and safety requirements.</p> <p><b>Complete and quick after-sales service</b>  As an independent domestic developed photometer, DP-30 has low cost and quick response (within 2 hours by telephone) after-sales service; free charge for software updating; prototype instrument is available.</p>	  																
<p><b>Aerosol photometer DP-30 Specification</b></p> <table border="1"> <tr> <td>Dim.(mm)</td><td>260×370×160</td></tr> <tr> <td>Weight</td><td>10.66kg(main body)+0.62kg(probe)=11.28kg</td></tr> <tr> <td>Housing</td><td>solid die-cast aluminum housing, easy for maintenance and calibration</td></tr> <tr> <td>Power supply</td><td>220V AC, 50/60HZ</td></tr> <tr> <td>Measuring scope</td><td>0.0001% to 100.0%</td></tr> <tr> <td>Alarm</td><td>User selectable audible, visual, and vibratory alarms notify the user when the user defined set point is exceeded.</td></tr> <tr> <td>Reagent setting</td><td>PAO</td></tr> <tr> <td>Dynamic range</td><td>Up to 600ug/L</td></tr> </table>	Dim.(mm)	260×370×160	Weight	10.66kg(main body)+0.62kg(probe)=11.28kg	Housing	solid die-cast aluminum housing, easy for maintenance and calibration	Power supply	220V AC, 50/60HZ	Measuring scope	0.0001% to 100.0%	Alarm	User selectable audible, visual, and vibratory alarms notify the user when the user defined set point is exceeded.	Reagent setting	PAO	Dynamic range	Up to 600ug/L	
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Sensitivity	1% of readings for readings between 0.01% to 100%		
Reproducibility	0.5% of readings for readings between 0.01% to 100%		
Light source	Long time, steady, solid scattering chamber light source; work under low power and generate low heat and deviation value; service life: 50,000-100,000 h		
Output	USB connection or connect external printer (optional)		
Reporting	Continuous/storage/print modes		
Electric safety	CE,FCC,EN61010-1:2010, EN61326-:2006		

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