

UV / COD

MONITOR

The falling water stream system does not require cell windows, therefore, measurement errors caused by cell window fouling are eliminated.

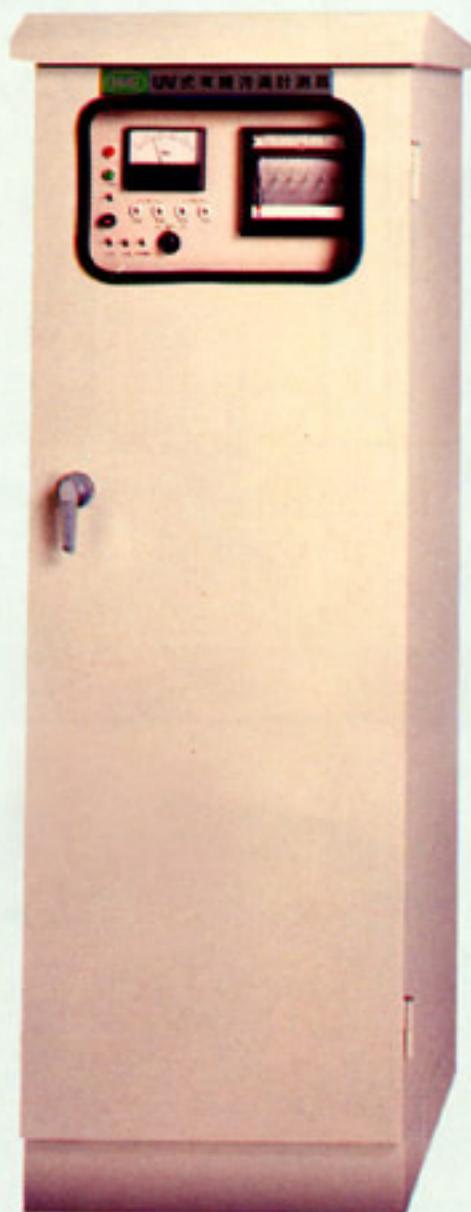
Continuous measurement. Reduces the calculation load for total emission regulations.

UV-5500 is so simple operation and maintenance free.

Automatic cleaning of inner wall of cell with motor driven wiper to maintain the falling sample stream.

STANDARD SPECIFICATIONS

Product name	; UV(COD) monitor								
Model	; UV-5500								
Measurement Method	; 2 wave length 3 Beams. UV 254nm/VIS 546nm								
Measurement Range	; Abs 0~0.5/0~1.0/0~2.0 COD 0~50/0~100/0~200ppm Specify one of the above.								
Measurement Cell	; Falling water stream, cell water column 10mm dia.								
Cleaning Method	; Automatic cell cleaning by motor driven wiper.								
Ambient Temperature/Humidity	; -5~40°C, 85%RH or less								
Sample Conditions	<table border="0"> <tr> <td>Temperature</td><td>..... 0~40°C</td></tr> <tr> <td>Pressure</td><td>..... 0.5~5kgf/cm</td></tr> <tr> <td>Flow rate</td><td>..... 2~5 l/min</td></tr> <tr> <td>Conductivity</td><td>..... Approx. 100μS/cm</td></tr> </table>	Temperature 0~40°C	Pressure 0.5~5kgf/cm	Flow rate 2~5 l/min	Conductivity Approx. 100μS/cm
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Pressure 0.5~5kgf/cm								
Flow rate 2~5 l/min								
Conductivity Approx. 100μS/cm								
Repeatability	; Within ± 2% FS								
Linearity	; Within ± 2% FS								
Zero Drift	; Within ± 2% FS								
Span Drift	; Within ± 2% FS								
Response Time	; Within 1min(for 90% response, after entering sample inlet), flow rate 2 l/min								
Output	; 4~20mA DC(max.load 600Ω) 0~1V DC(min.load 100KΩ) 0~10mV DC(min.load 100KΩ) Specify one of the above.								



Power Requirements ; 110/220V AC ± 10% 50/60Hz
Piping Connection Port

Sample inlet VP 16A

Drain port VP 20A

Dimensions ; 530(W)×590(C)×1,570(H)

Weight ; Approx. 50kg

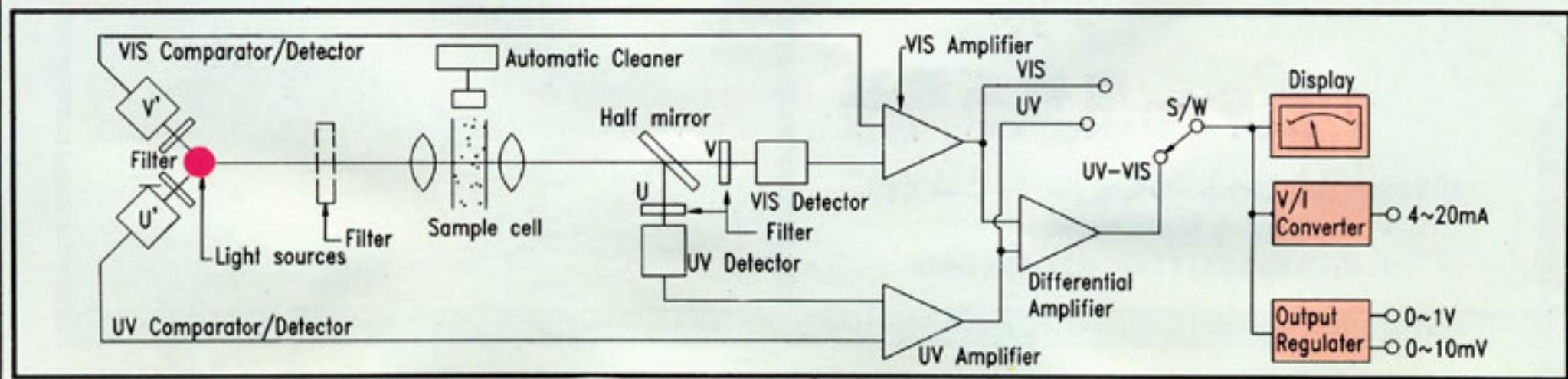
OPTION

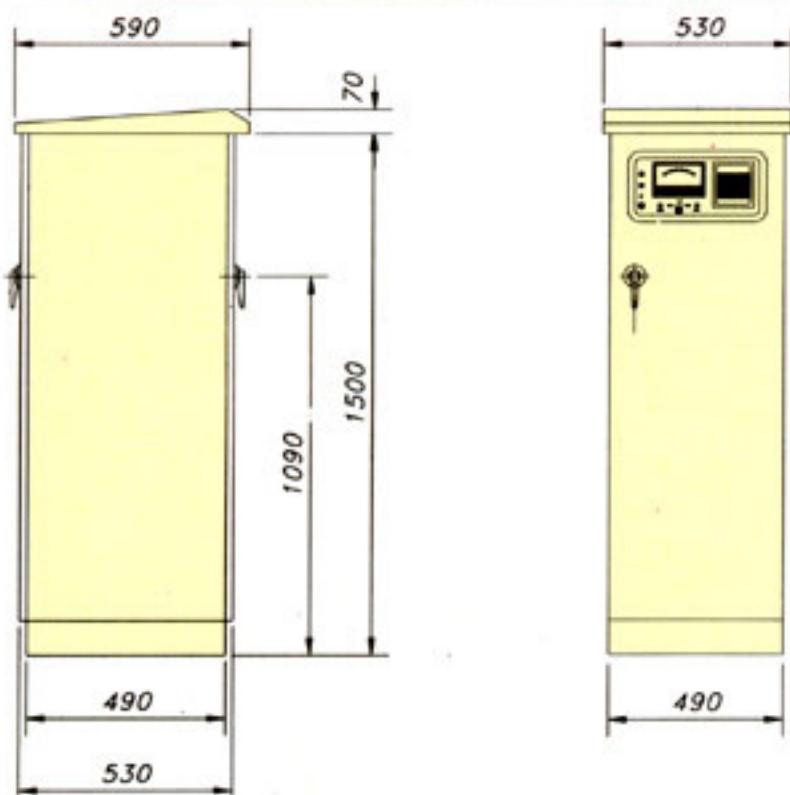
Recorder

Auto Cell chemical cleaning system

Model CL-100

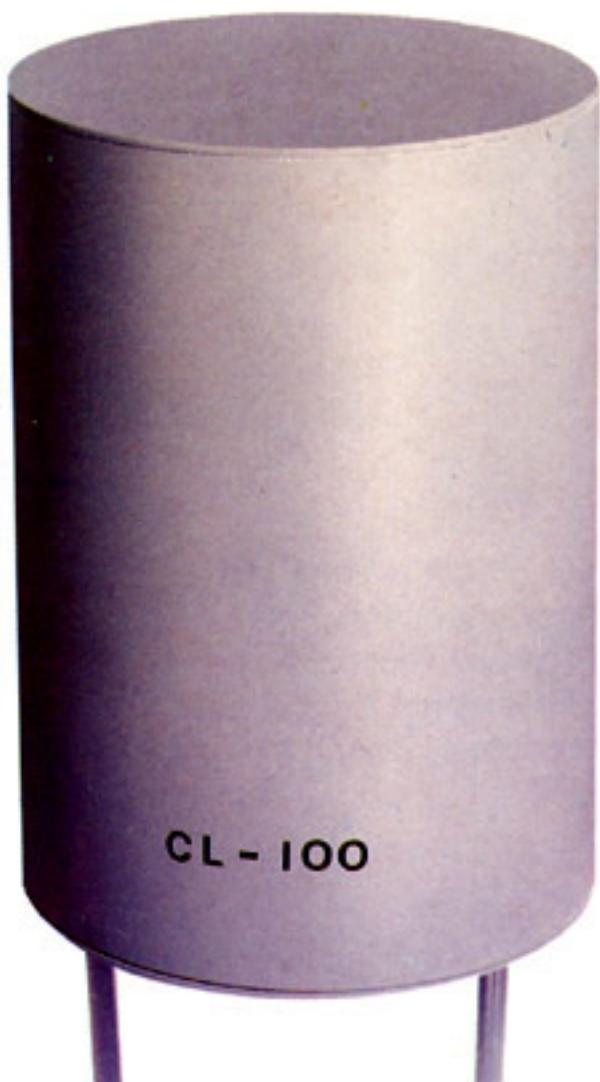
MEASUREMENT SYSTEM DIAGRAM



UV / COD MONITOR**UV-5500****PRODUCT DIMENSIONS****UV-5500****PRODUCT CODE**

UV-5500-

	Power source
1.....	110V AC 50/60Hz
2.....	220V AC 50/60Hz
	Output
1.....	4~20mA DC
2.....	0~1V DC
3.....	0~10mV DC
	Measurement Range
A.....	0~50ppm
B.....	0~100ppm(Standard)
C.....	0~200ppm
X.....	Custom spec.

AUTO CELL CHEMICAL CLEANING SYSTEM**CL-100****SECHANG INSTRUMENTS**

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In the interests of improving and updating its equipment, HME reserves the right to alter specifications to equipment at any time