



Product introduction of AOT-FD-500

Specifications:



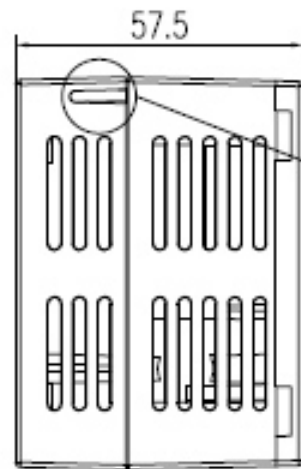
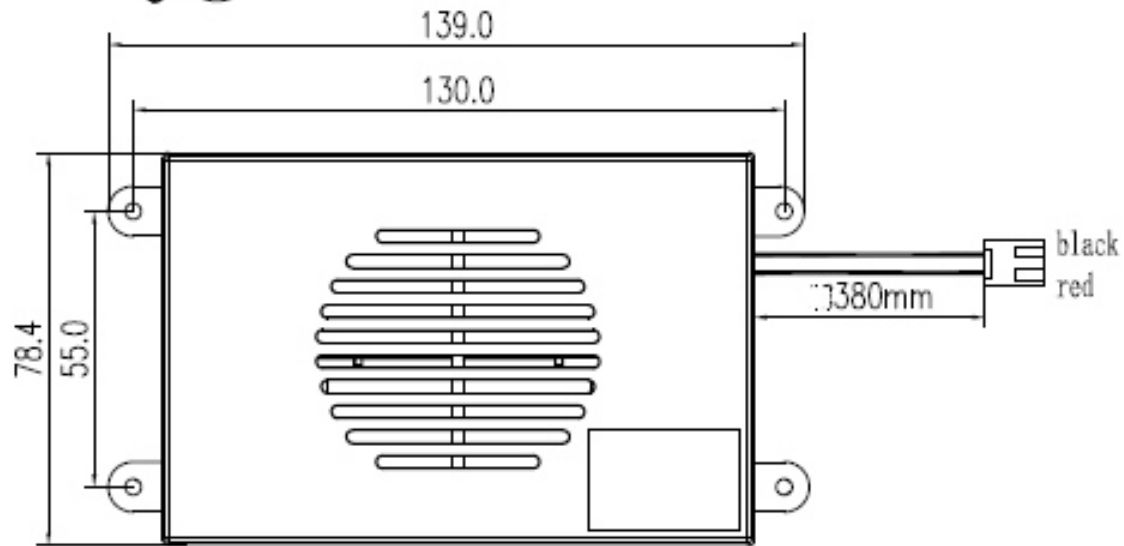
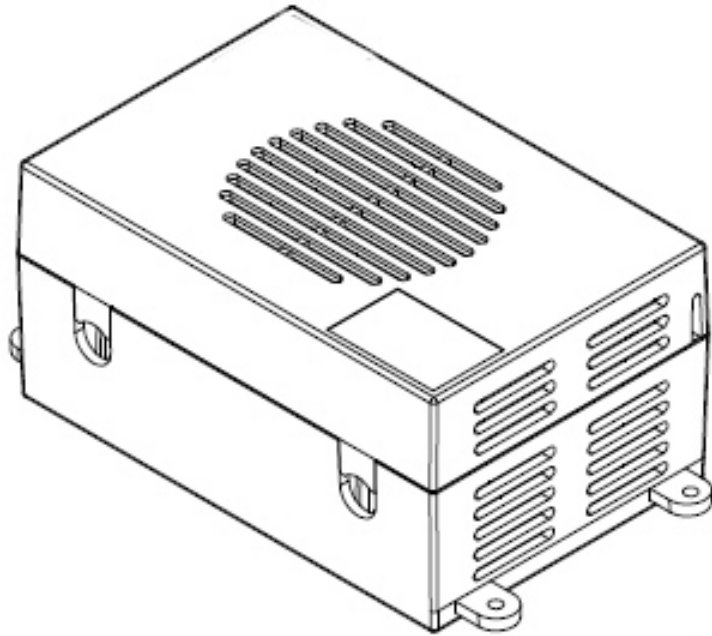
AOT-FD-500

Ozone Output	: 500mg/H @2.5 L/min, RH 20% ,25 °C dry air
Application	: Water /air /medical treatment
Power	: 12VDC, 12W
Size	: 139 x 78.4 x 57.5 mm
Weight	: 0.55 kg

Quality Guarantee:

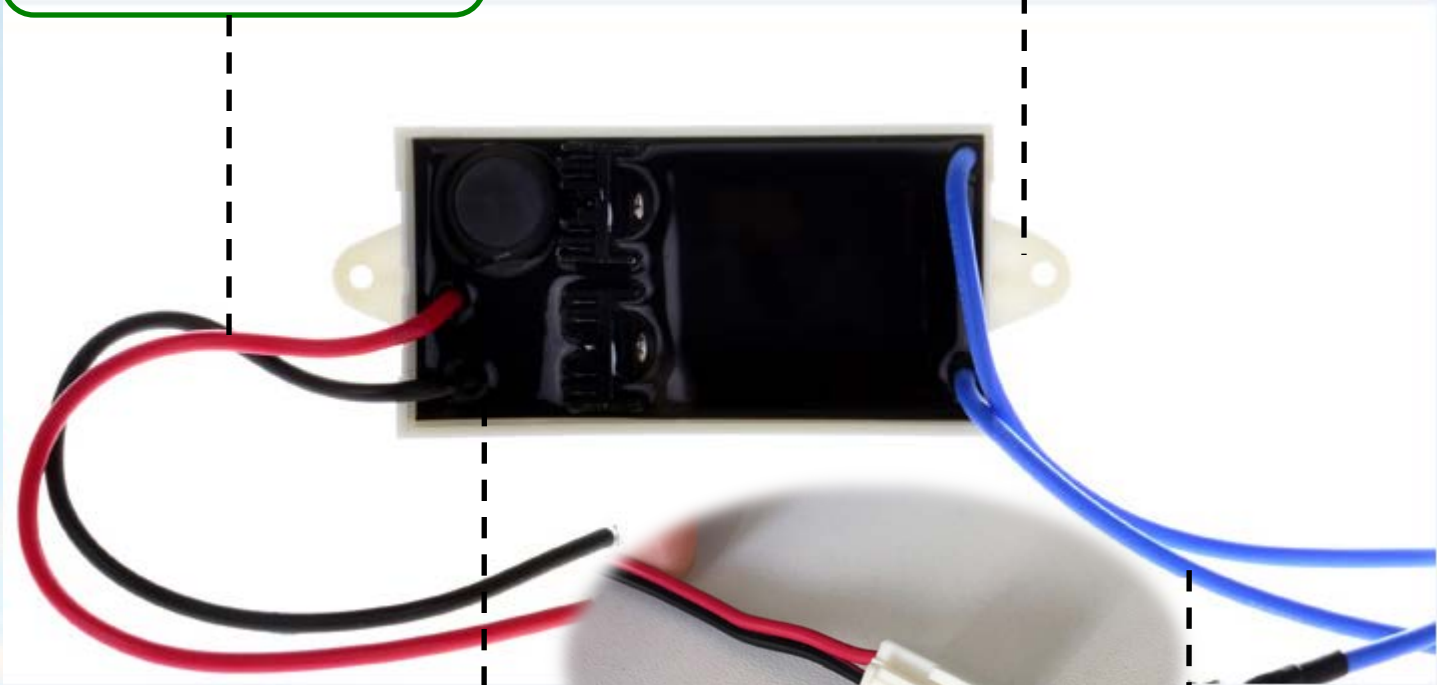
Technology	: Corona discharge
Warranty	: 1 year from shipment date
EMC	: PASS

Drawing:



**Power cable:
12VDC
With connector**

**High class housing:
V0 frame class
Ozone resistance
With mounting hole**



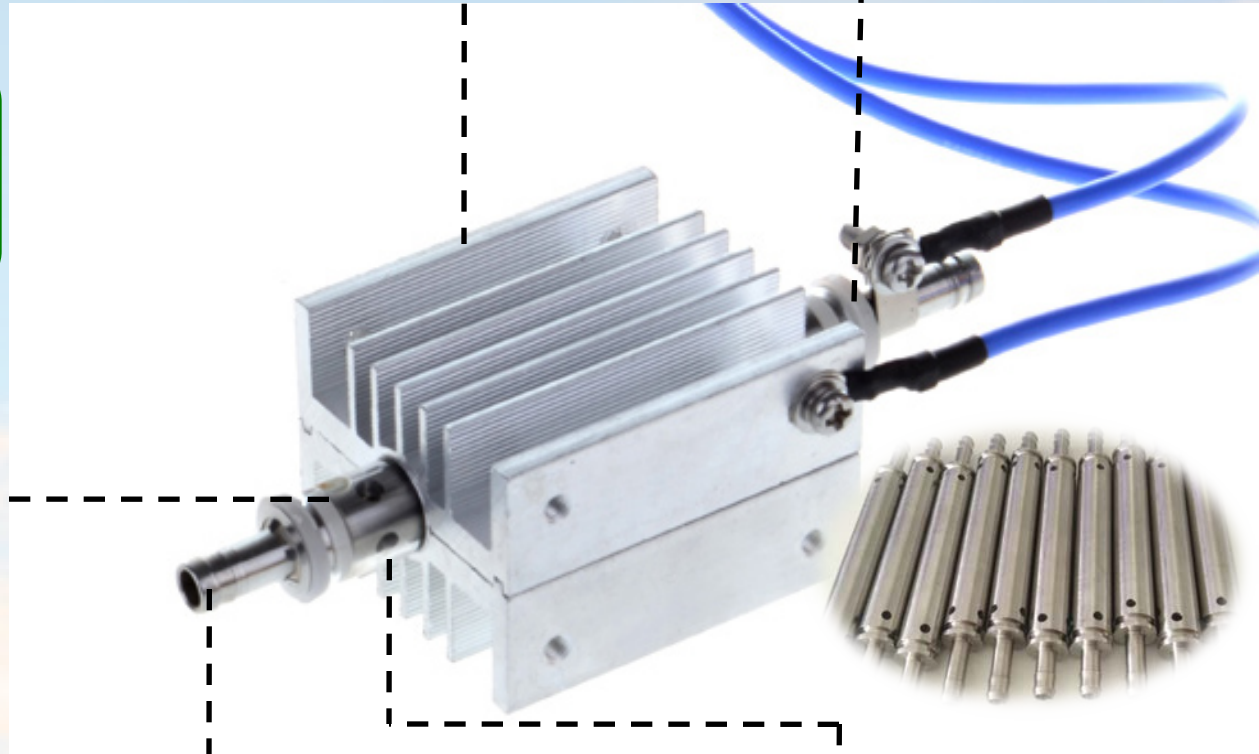
**Potted design against high humid
With cooling fins on for remove heat**

**High voltage cable:
High frequency 24 KHz
High voltage 9Kv**

Special design cooling fins:
Aluminum material
High cooling ability
Big cooling area

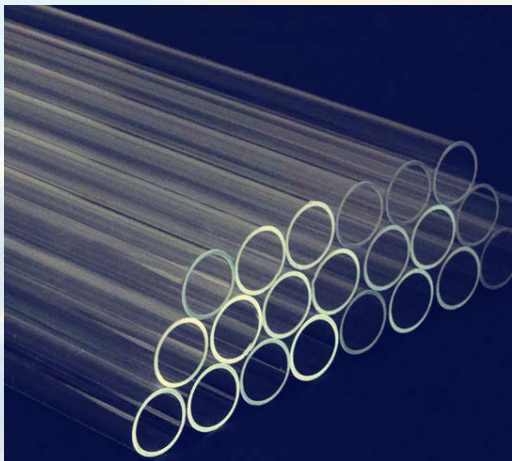
Quadruple ozone resistance seal:
O ring ---EPDM material
Silicon stopper
Environmental glue
304 SS ring clamp

Special quartz tube:
OD: 10.5mm ID:8.5mm
Precise air gap
Stable concentration



Gas inlet/outlet:
Pagoda-shape design
Good for well fasten

Electrode:
304 Stainless steel material
OD:7.9mm
Humanized design
Solid tube

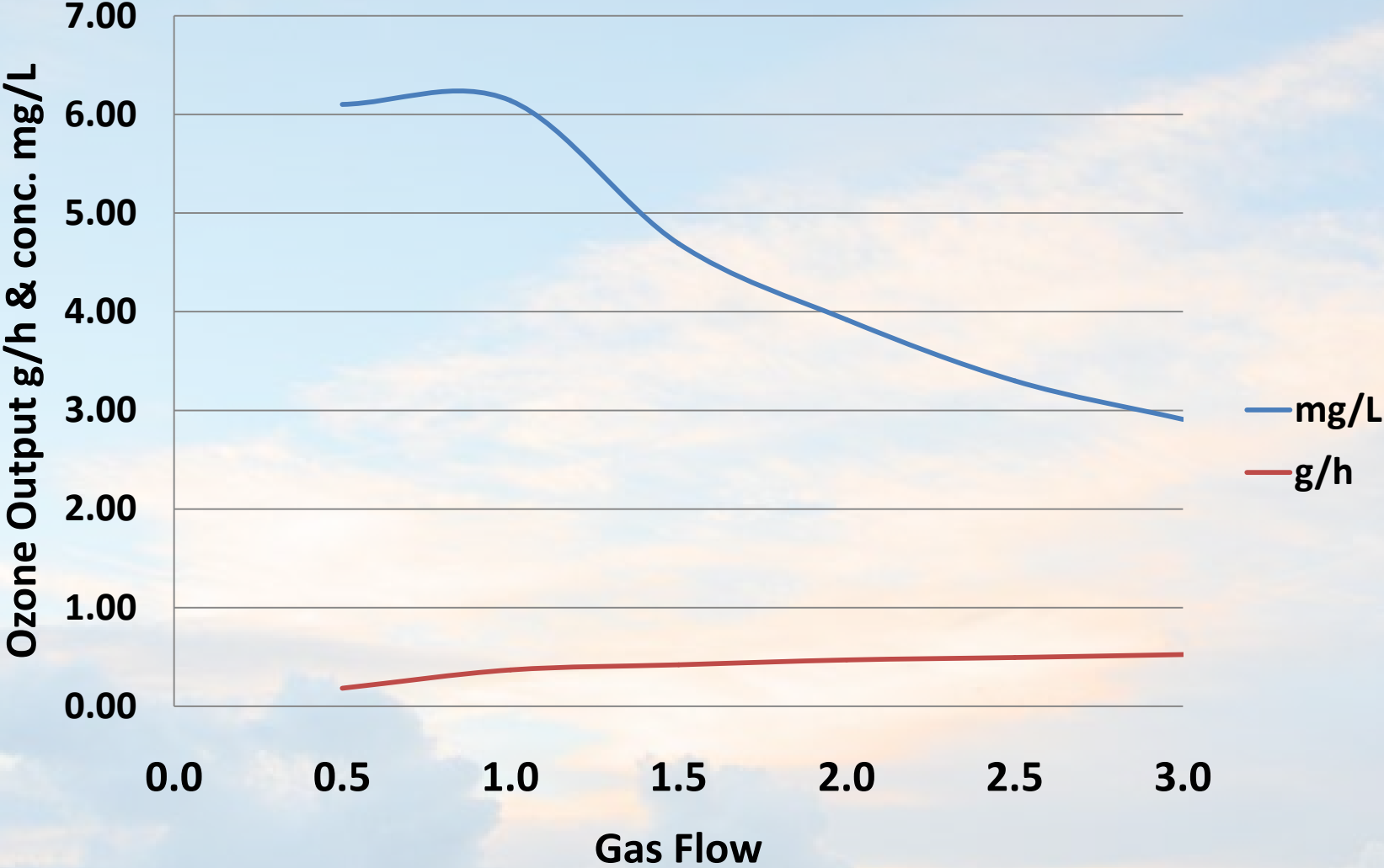


Ozone Test Report:

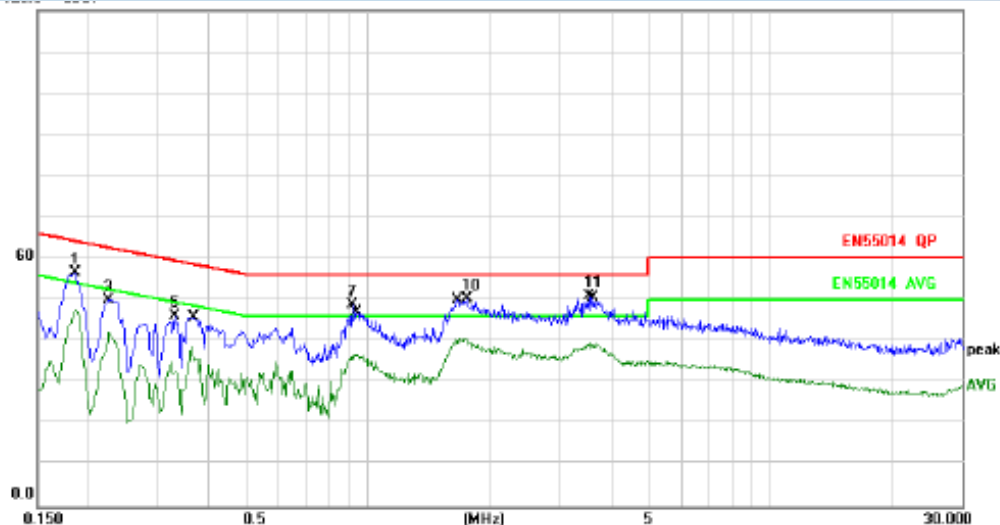
AOT-FD-500 dry air								
air flow (L/min)	working time (min)	Temperature (°C)	Humidity (%)	Input voltage (V)	Input current (A)	Ozone concentration (ppm)	Ozone concentration (mg/L)	Ozone generate (mg/h)
1	0	24.3	11.2	12.5	1.02	0.00	0.00	0.00
	1			12.5	1.04	2620.00	5.61	336.41
	2			12.5	1.05	2640.00	5.65	338.98
	3			12.5	1.06	2630.00	5.63	337.69
1.5	0	24.3	11.2	12.5	1.05	0.00	0.00	0.00
	1			12.5	1.06	2150.00	4.60	414.09
	2			12.5	1.08	2320.00	4.96	446.83
	3			12.5	1.09	2230.00	4.77	429.50
2	0	24.3	11.2	12.5	1.06	0.00	0.00	0.00
	1			12.5	1.08	1920.00	4.11	493.06
	2			12.5	1.09	2190.00	4.69	562.39
	3			12.5	1.10	2190.00	4.69	562.39
2.5	0	24.3	11.2	12.5	1.07	0.00	0.00	0.00
	1			12.5	1.09	1980.00	4.24	635.58
	2			12.5	1.10	2100.00	4.49	674.10
	3			12.5	1.11	2010.00	4.30	645.21
3	0	24.3	11.2	12.5	1.09	0.00	0.00	0.00
	1			12.5	1.11	1680.00	3.60	647.14
	2			12.5	1.12	1860.00	3.98	716.47
	3			12.5	1.13	1810.00	3.87	697.21

Ozone Output Curve:

AOT-FD-500 Ozone Output and Concentration Curves



EMC Test Report:



Site Chamber #1

Phase: L1

Temperature: 25

Limit: EN55014 QP

Power: AC 230V/50Hz

Humidity: 53 %

EUT: 3号

M/N: OZQS

Mode: Working

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1860	46.46	10.06	56.52	64.21	-7.69	peak	
2		0.1860	37.57	10.06	47.63	54.21	-6.58	AVG	
3		0.2260	39.93	10.07	50.00	62.59	-12.59	peak	
4		0.2260	31.97	10.07	42.04	52.59	-10.55	AVG	
5		0.3300	36.09	10.10	46.19	59.45	-13.26	peak	
6		0.3620	28.36	10.10	38.46	48.68	-10.22	AVG	
7		0.9100	38.47	10.16	48.63	56.00	-7.37	peak	
8		0.9340	26.73	10.16	36.89	46.00	-9.11	AVG	
9		1.6780	30.41	10.18	40.59	46.00	-5.41	AVG	
10		1.7620	39.99	10.18	50.17	56.00	-5.83	peak	
11	*	3.5460	40.75	10.17	50.92	56.00	-5.08	peak	
12		3.6700	29.21	10.17	39.38	46.00	-6.62	AVG	

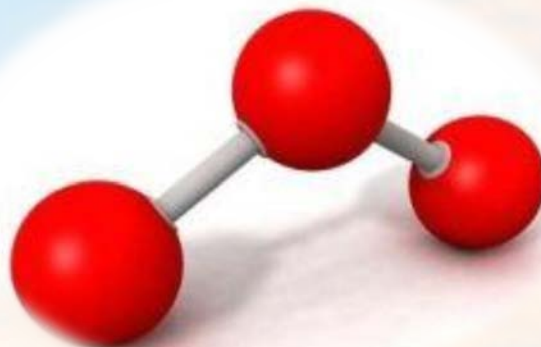
Application:

Drinking water



Water Treatment

Fruit & Vegetable



Medical



Meat & Fish

Laundry

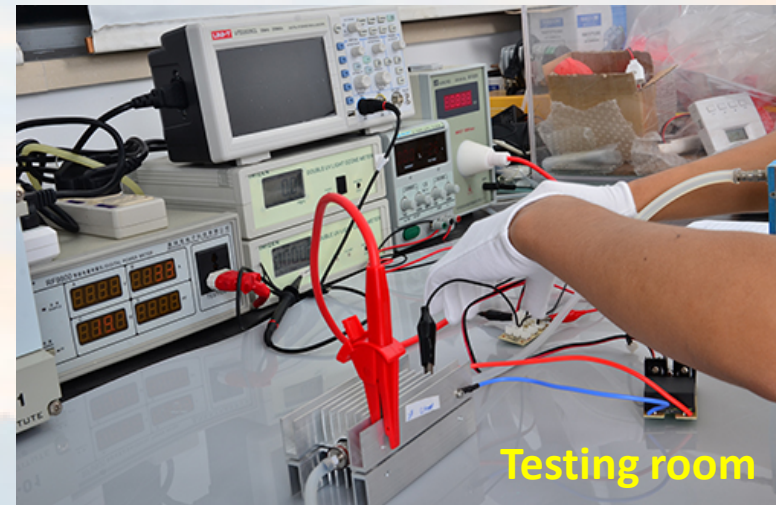


Odor Remove



SPA & Bath

Company show:



Equipment:



Quartz tube meter



Ozone monitor 0-4000PPM

Ozone monitor 0-0.5PPM

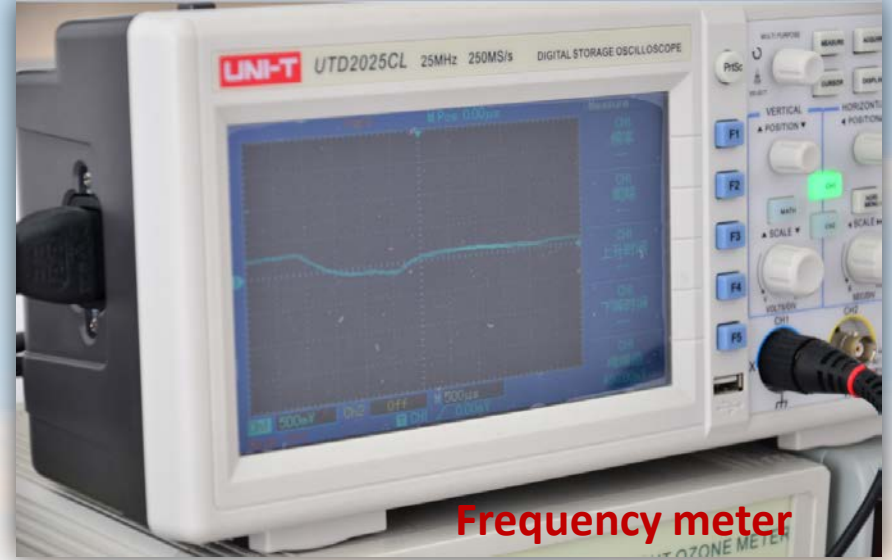


Ozone monitor 0-200mg/L

Equipment:



Power meter



Frequency meter



High voltage meter



Power supply

Thank you



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