

宁波照华环保科技有限公司

# 产品规格书

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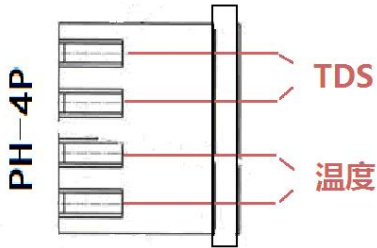
版次：A/01

产品名称	TDS 探头	型号	TDS-3A	产品材料	POM
图号/代号	TDS-3A	附属说明	本产品申报国家专利		

产品外型尺寸：



序号	项目	参数
1.	适用范围	家用净水器、RO机
2.	适用环境	水温：5-45℃ 环境湿度：<85% 适用水压：≤0.8Mpa

		无腐蚀性水体
3.	存储环境	温度：-20-50℃ 湿度：<80%
4.	热敏电阻型号	3950 (参数详见附页)
5.	TDS 探针材质	316 不锈钢
6.	测量取值时水压范围	0.2---0.8Mpa (使用注意事项请咨询我公司)
7.	水路接口类型	1/4"快接插口
8.	电线接头型号	SM-4P 四芯护套线, 线长 50cm
9.	接口分配	
<p><b>备注：请勿在有强烈磁场及振动的环境内使用，以免产生产品损坏或误动作！</b></p>		

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阻温参数对照表

Temp. (deg. C)	Rmax (k Ohms)	Rnor (k Ohms)	Rmin (k Ohms)	Temp. (deg. C)	Rmax (k Ohms)	Rnor (k Ohms)	Rmin (k Ohms)
-20	101.0977	97.8396	94.6771	27	9.2623	9.1626	9.0630
-19	95.3201	92.3020	89.3705	28	8.8732	8.7738	8.6747
-18	89.9088	87.1124	84.3946	29	8.5025	8.4037	8.3052
-17	84.8385	82.2471	79.7268	30	8.1494	8.0512	7.9534
-16	80.0856	77.6837	75.3463	31	7.8128	7.7154	7.6184
-15	75.6284	73.4018	71.2336	32	7.4919	7.3953	7.2993
-14	71.4468	69.3823	67.3708	33	7.1859	7.0903	6.9953
-13	67.5220	65.6077	63.7412	34	6.8940	6.7995	6.7056
-12	63.8370	62.0616	60.3295	35	6.6156	6.5221	6.4294
-11	60.3755	58.7288	57.1212	36	6.3498	6.2576	6.1660
-10	57.1228	55.5953	54.1032	37	6.0962	6.0051	5.9148
-9	54.0651	52.6480	51.2629	38	5.8540	5.7642	5.6752
-8	51.1895	49.8747	48.5889	39	5.6227	5.5342	5.4465
-7	48.4842	47.2643	46.0705	40	5.4018	5.3146	5.2283
-6	45.9381	44.8062	43.6978	41	5.1907	5.1049	5.0199
-5	43.5409	42.4906	41.4615	42	4.9890	4.9045	4.8210
-4	41.2831	40.3086	39.3531	43	4.7961	4.7130	4.6309
-3	39.1559	38.2516	37.3644	44	4.6117	4.5300	4.4494
-2	37.1508	36.3117	35.4880	45	4.4354	4.3551	4.2759
-1	35.2603	34.4817	33.7169	46	4.2667	4.1878	4.1100
0	33.4771	32.7547	32.0447	47	4.1053	4.0278	3.9515
1	31.7945	31.1243	30.4652	48	3.9508	3.8748	3.7999

2	30.2064	29.5847	28.9728	49	3.8030	3.7283	3.6548
3	28.7068	28.1301	27.5623	50	3.6614	3.5882	3.5161
4	27.2904	26.7556	26.2286	51	3.5258	3.4540	3.3833
5	25.9521	25.4562	24.9672	52	3.3960	3.3255	3.2562
6	24.6872	24.2274	23.7738	53	3.2715	3.2025	3.1346
7	23.4912	23.0650	22.6443	54	3.1523	3.0846	3.0181
8	22.3599	21.9650	21.5750	55	3.0380	2.9717	2.9065
9	21.2897	20.9239	20.5622	56	2.9285	2.8635	2.7996
10	20.2768	19.9380	19.6028	57	2.8234	2.7597	2.6972
11	19.3178	19.0041	18.6937	58	2.7227	2.6603	2.5990
12	18.4096	18.1193	17.8318	59	2.6260	2.5649	2.5049
13	17.5493	17.2807	17.0146	60	2.5333	2.4734	2.4147
14	16.7340	16.4857	16.2394	61	2.4443	2.3856	2.3282
15	15.9612	15.7317	15.5040	62	2.3589	2.3014	2.2452
16	15.2284	15.0164	14.8059	63	2.2768	2.2206	2.1656
17	14.5333	14.3376	14.1432	64	2.1981	2.1431	2.0892
18	13.8738	13.6933	13.5139	65	2.1224	2.0686	2.0159
19	13.2479	13.0816	12.9160	66	2.0498	1.9970	1.9455
20	12.6537	12.5005	12.3479	67	1.9800	1.9283	1.8779
21	12.0895	11.9485	11.8080	68	1.9129	1.8623	1.8130
22	11.5535	11.4239	11.2946	69	1.8484	1.7989	1.7507
23	11.0442	10.9252	10.8064	70	1.7864	1.7380	1.6908
24	10.5602	10.4510	10.3419	71	1.7267	1.6794	1.6332
25	10.1000	10.0000	9.9000	72	1.6694	1.6231	1.5779
26	9.6709	9.5709	9.4710	73	1.6142	1.5689	1.5247

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Temp. (deg. C)	Rmax (k Ohms)	Rnor (k Ohms)	Rmin (k Ohms)	Temp. (deg. C)	Rmax (k Ohms)	Rnor (k Ohms)	Rmin (k Ohms)
74	1.5612	1.5168	1.4736	121	0.3860	0.3698	0.3542
75	1.5101	1.4667	1.4245	122	0.3760	0.3601	0.3448
76	1.4610	1.4185	1.3772	123	0.3662	0.3506	0.3357
77	1.4137	1.3722	1.3317	124	0.3568	0.3415	0.3269
78	1.3681	1.3275	1.2880	125	0.3476	0.3326	0.3183
79	1.3243	1.2845	1.2458	126	0.3387	0.3240	0.3100
80	1.2820	1.2431	1.2053	127	0.3301	0.3157	0.3019
81	1.2413	1.2033	1.1663	128	0.3217	0.3076	0.2941
82	1.2021	1.1649	1.1287	129	0.3136	0.2998	0.2866
83	1.1644	1.1279	1.0926	130	0.3057	0.2922	0.2792
84	1.1279	1.0923	1.0577	131	0.2981	0.2848	0.2721
85	1.0928	1.0580	1.0241	132	0.2906	0.2776	0.2652
86	1.0590	1.0249	0.9918	133	0.2834	0.2707	0.2585
87	1.0264	0.9930	0.9606	134	0.2765	0.2640	0.2520
88	0.9949	0.9623	0.9306	135	0.2697	0.2574	0.2457
89	0.9646	0.9326	0.9016	136	0.2631	0.2511	0.2396
90	0.9353	0.9040	0.8737	137	0.2567	0.2449	0.2336
91	0.9070	0.8764	0.8468	138	0.2505	0.2389	0.2278
92	0.8797	0.8498	0.8208	139	0.2444	0.2331	0.2222
93	0.8534	0.8241	0.7958	140	0.2386	0.2274	0.2168
94	0.8280	0.7994	0.7716	141	0.2329	0.2220	0.2115
95	0.8035	0.7754	0.7483	142	0.2273	0.2166	0.2064

96	0.7798	0.7523	0.7258	143	0.2220	0.2114	0.2014
97	0.7569	0.7300	0.7041	144	0.2167	0.2064	0.1966
98	0.7348	0.7085	0.6831	145	0.2116	0.2015	0.1919
99	0.7134	0.6877	0.6628	146	0.2067	0.1968	0.1873
100	0.6928	0.6676	0.6433	147	0.2019	0.1922	0.1829
101	0.6728	0.6482	0.6244	148	0.1972	0.1877	0.1786
102	0.6536	0.6295	0.6062	149	0.1927	0.1833	0.1744
103	0.6349	0.6113	0.5885	150	0.1883	0.1791	0.1703
104	0.6169	0.5938	0.5715				
105	0.5995	0.5769	0.5550				
106	0.5826	0.5605	0.5391				
107	0.5663	0.5447	0.5237				
108	0.5506	0.5293	0.5089				
109	0.5353	0.5145	0.4945				
110	0.5206	0.5002	0.4806				
111	0.5063	0.4863	0.4671				
112	0.4924	0.4729	0.4541				
113	0.4791	0.4599	0.4415				
114	0.4661	0.4474	0.4293				
115	0.4535	0.4352	0.4175				
116	0.4414	0.4234	0.4061				
117	0.4296	0.4120	0.3951				
118	0.4182	0.4009	0.3844				
119	0.4071	0.3902	0.3740				
120	0.3964	0.3799	0.3640				