

TEMPERATURE DRY STATE BATH 500



NASHA
AUTOMATION



An ISO 9001: 2008 Certified Company

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Mfg. & Dealing in Process Control Instruments
& Instrumentation Contractor

TEMPERATURE DRY STATE BATH 500



GENERAL :

System Accuracy : Better than $\pm 0.25\%$ of
Reading Stability : Better than $\pm 0.3^\circ\text{C}$
Set Point Achieve Time : Approx. 10 Minutes
Stabilization Time : Approx. 20 Minutes (SPA)
Cooling System : Air cooling fan

DISPLAY SPECIFICATION :

Range : room emp. To 500°C
Display : 4 digit 1 no. controller / 1 no. for display
Display Resolution : 1.0°C
Temp. Setting : With push-button data entry
Cooling Time : 60 minutes from 500°C to 75°C

ELECTRICAL SPECIFICATION :

Power Consumption : 1200 Watts approximate
Power Supply : 230 VAC , 50 Hz
Fuse Rating : 6 Amp. 230 VAC
Cooling System : Air cooling through fans

PHYSICAL SPECIFICATION :

Dimensions : 5.5"(W) x 14" (H) x 12" (L)
Weight : 11 Kgs.
Well adapter M.O.C : Brass
Well Diameter : Max up to 16mm
Well Depth : 150mm
Accessories : Set of insert / pool out tool (7mm/8.5mm/10mm/12.5mm/16mm) Carring Bag





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PT100 RESISTANCE TABLE

°C	0	1	2	3	4	5	6	7	8	9	°C
-200.00	18.52										-200.00
-190.00	22.83	22.40	21.97	21.54	21.11	20.68	20.25	19.82	19.38	18.95	-190.00
-180.00	27.10	26.67	26.24	25.82	25.39	24.97	24.54	24.11	23.68	23.25	-180.00
-170.00	31.34	30.91	30.49	30.07	29.64	29.22	28.80	28.37	27.95	27.52	-170.00
-160.00	35.54	35.12	34.70	34.28	33.86	33.44	33.02	32.60	32.18	31.76	-160.00
-150.00	39.72	39.31	38.89	38.47	38.05	37.64	37.22	36.80	36.38	35.96	-150.00
-140.00	43.88	43.46	43.05	42.63	42.22	41.80	41.39	40.97	40.56	40.14	-140.00
-130.00	48.00	47.59	47.18	46.77	46.36	45.94	45.53	45.12	44.70	44.29	-130.00
-120.00	52.11	51.70	51.29	50.88	50.47	50.06	49.65	49.24	48.83	48.42	-120.00
-110.00	56.19	55.79	55.38	54.97	54.56	54.15	53.75	53.34	52.93	52.52	-110.00
-100.00	60.26	59.85	59.44	59.04	58.63	58.23	57.82	57.41	57.01	56.60	-100.00
-90.00	64.30	63.90	63.49	63.09	62.68	62.28	61.88	61.47	61.07	60.66	-90.00
-80.00	68.33	67.92	67.52	67.12	66.72	66.31	65.91	65.51	65.11	64.70	-80.00
-70.00	72.33	71.93	71.53	71.13	70.73	70.33	69.93	69.53	69.13	68.73	-70.00
-60.00	76.33	75.93	75.53	75.13	74.73	74.33	73.93	73.53	73.13	72.73	-60.00
-50.00	80.31	79.91	79.51	79.11	78.72	78.32	77.92	77.52	77.12	76.73	-50.00
-40.00	84.27	83.87	83.48	83.08	82.69	82.29	81.89	81.50	81.10	80.70	-40.00
-30.00	88.22	87.83	87.43	87.04	86.64	86.25	85.85	85.46	85.06	84.67	-30.00
-20.00	92.16	91.77	91.37	90.98	90.59	90.19	89.80	89.40	89.01	88.62	-20.00
-10.00	96.09	95.69	95.30	94.91	94.52	94.12	93.73	93.34	92.95	92.55	-10.00
0.00	100.00	99.61	99.22	98.83	98.44	98.04	97.65	97.26	96.87	96.48	0.00
10.00	103.90	103.51	103.12	102.73	102.34	101.95	101.56	101.17	100.78	100.39	10.00
20.00	107.79	107.40	107.01	106.62	106.23	105.84	105.45	105.06	104.67	104.28	20.00
30.00	111.67	111.28	110.89	110.50	110.11	109.72	109.33	108.94	108.55	108.16	30.00
40.00	115.54	115.15	114.76	114.37	113.98	113.59	113.20	112.81	112.42	112.03	40.00
50.00	119.40	119.01	118.62	118.23	117.84	117.45	117.06	116.67	116.28	115.89	50.00
60.00	123.24	122.85	122.46	122.07	121.68	121.29	120.90	120.51	120.12	119.73	60.00
70.00	127.08	126.69	126.30	125.91	125.52	125.13	124.74	124.35	123.96	123.57	70.00
80.00	130.90	130.51	130.12	129.73	129.34	128.95	128.56	128.17	127.78	127.39	80.00
90.00	134.71	134.32	133.93	133.54	133.15	132.76	132.37	131.98	131.59	131.20	90.00
100.00	138.51	138.12	137.73	137.34	136.95	136.56	136.17	135.78	135.39	135.00	100.00
110.00	142.29	141.90	141.51	141.12	140.73	140.34	139.95	139.56	139.17	138.78	110.00
120.00	146.07	145.68	145.29	144.90	144.51	144.12	143.73	143.34	142.95	142.56	120.00
130.00	149.83	149.44	149.05	148.66	148.27	147.88	147.49	147.10	146.71	146.32	130.00
140.00	153.58	153.19	152.80	152.41	152.02	151.63	151.24	150.85	150.46	150.07	140.00
150.00	157.33	156.94	156.55	156.16	155.77	155.38	154.99	154.60	154.21	153.82	150.00
160.00	161.05	160.66	160.27	159.88	159.49	159.10	158.71	158.32	157.93	157.54	160.00
170.00	164.77	164.38	163.99	163.60	163.21	162.82	162.43	162.04	161.65	161.26	170.00
180.00	168.48	168.09	167.70	167.31	166.92	166.53	166.14	165.75	165.36	164.97	180.00
190.00	172.17	171.78	171.39	171.00	170.61	170.22	169.83	169.44	169.05	168.66	190.00
200.00	175.86	175.47	175.08	174.69	174.30	173.91	173.52	173.13	172.74	172.35	200.00
210.00	179.53	179.14	178.75	178.36	177.97	177.58	177.19	176.80	176.41	176.02	210.00
220.00	183.19	182.80	182.41	182.02	181.63	181.24	180.85	180.46	180.07	179.68	220.00
230.00	186.84	186.45	186.06	185.67	185.28	184.89	184.50	184.11	183.72	183.33	230.00
240.00	190.47	190.08	189.69	189.30	188.91	188.52	188.13	187.74	187.35	186.96	240.00
250.00	194.10	193.71	193.32	192.93	192.54	192.15	191.76	191.37	190.98	190.59	250.00
260.00	197.71	197.32	196.93	196.54	196.15	195.76	195.37	194.98	194.59	194.20	260.00
270.00	201.31	200.92	200.53	200.14	199.75	199.36	198.97	198.58	198.19	197.80	270.00
280.00	204.90	204.51	204.12	203.73	203.34	202.95	202.56	202.17	201.78	201.39	280.00
290.00	208.48	208.09	207.70	207.31	206.92	206.53	206.14	205.75	205.36	204.97	290.00
300.00	212.05	211.66	211.27	210.88	210.49	210.10	209.71	209.32	208.93	208.54	300.00
310.00	215.61	215.22	214.83	214.44	214.05	213.66	213.27	212.88	212.49	212.10	310.00
320.00	219.15	218.76	218.37	217.98	217.59	217.20	216.81	216.42	216.03	215.64	320.00

