

## Bill of Materials for pH måleinstrument

Item	Count	Label-Value	Attributes	Designation
1	5	100nF	Wima 63V 2B	C1,C2,C4,C7,C12
2	1	1nF	Polystyrene STY 1,0nF	C3
3	2	10uF	Bipolar 50V	C5,C8
4	1	10nF	Wima 100V 2B	C6
5	1	1uF	Tantal 35V	C9
6	1	100pF	Wima 100V 2B	C10
7	1	10uF	63 Volt Radial	C11
8	1	2200uF	25 Volt Radial	C13
9	1	LED1	5 mm red	D1
10	1	1N4001	50V 1.0A	D2
11	1	LED1	5 mm green	D3
12	1	B40C800	Bridge Round	D4
13	1	50mA slow	FUSE with support	F1
14	1	500mA slow	FUSE with support	F2
15	1	LM317	TO-220	IC3
16	2	TL082	DIP8 with socket	IC1A,IC2A
17	1	100 Meg	HN best.nr. 2424	MM
18	1	10k var	Spintrim 10K19mm	P1 Ref. 7.00V
19	1	10k var	Spintrim 10K19mm	P2 Gain 16.95
20	1	10k var	Spintrim 10K19mm	P3 Zero
21	1	10k var	Spintrim 10K19mm	P4 CO2 on/off
22	1	10k var	Spintrim 10K19mm	P5 Reg14V
23	1	230VAC	Main Plug male	P6
24	1	IRF510	TO-92B	Q1
25	1	470	1% 0.25W	R1

26	1	47	1% 0.25W	R2
27	2	4.7k	1% 0.25W	R3,R18
28	2	10k	1% 0.25W	R4,R13
29	1	100	1% 0.25W	R5
30	4	47k	1% 0.25W	R6,R7,R8,R15
31	1	220k	1% 0.25W	R9
32	1	1k	1% 0.25W	R10
33	1	220	1% 0.25W	R11
34	1	22k	1% 0.25W	R12
35	1	100	5% 1W	R14 see text
36	1	1.5k	1% 0.25W	R16
37	1	240	1% 0.25W	R17
38	1	12VDC/250V/10A	RT424012	RLY1
39	1	Switch On/On	1 pol MS 500B	S1
40	1	230V/15V/4.5VA	Hahn EI382 1193	TR1
41	3	Terminal block	ARK 210/3	KL1
42	1	pH probe	Glass type	pH
43	2	pH 7 buffer		
44	2	pH 4 buffer		
45	1	Teko Snap Design	10005.9	ABS
46	1	Photo Print	Eurocard 100x160mm	PCB
47	1	BNC isolated bushing	Farnell	BNC

<http://www.wima.de/DE/techparameters.php>  
<http://www.pc-elektronik.dk/shop/>  
<http://dk.farnell.com/>  
<http://www.harald-nyborg.dk/>

Søg her for WIMA kondensatorer  
 Søg her for Elektronikdele  
 Søg her for BNC isolated bushing  
 Prøv her for Måleinstrument