

# EasyCal Procedure Details



12/Jan/2007

Procedure: **005-PHILI-PM 8202**

Manufacturer: **PHILIPS**  
 Type: **MULTIMETER**  
 Model: **PM 8202**

Marginal Pass Limit: **75 %**

Column Header1: **Test**      Column Header2: **Freq**      Column Header3: **Applied/Req'd**      Column Header4: **Reading**      Column Header5: **Allowed Error**      Column Header6: **% of Spec**      Column Header7: **Pass/Fail**

Comments: **Proc Ver 2.0**

Test	Test Name	Test Type	Test Dev.	Dev. Func.	Res Req	Input Method	Setup Value	Allowed Error	% of Value	% of Rng	Rng	Zero	Cts	DP	Auto Prcd	Rst Aft	WF	5075 Rng	GPIB bfr GPIB aft	R/C tst #	Shw Prmt	Prompt Text
1	10 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	5.000mV	0.0350mV						4	No	Yes					Yes	SELECT 10mV RANGE
2	10 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	10.000mV	0.050mV						3	No	Yes					Yes	
3	20 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	10.000mV	0.070mV						3	No	Yes					Yes	SELECT 20mV RANGE
4	20 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	20.000mV	0.120mV						3	No	Yes					Yes	
5	50 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	25.000mV	0.175mV						3	No	Yes					Yes	SELECT 50mV RANGE
6	50 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	50.000mV	0.300mV						3	No	Yes					Yes	
7	100 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	50.000mV	0.350mV						3	No	Yes					Yes	SELECT 100mV RANGE
8	100 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	100.00mV	0.60mV						2	No	Yes					Yes	
9	200 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	100.00mV	0.70mV						2	No	Yes					Yes	SELECT 200mV RANGE
10	200 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	200.00mV	1.20mV						2	No	Yes					Yes	
11	500 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	250.00mV	1.75mV						2	No	Yes					Yes	SELECT 500mV RANGE
12	500 mV F.S.D.	SysInst	C50+	DCV	Yes	Deviation	500.00mV	3.00mV						2	No	Yes					Yes	
13	1 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	500.00mV	3.50mV						2	No	Yes					Yes	SELECT 1V RANGE
14	1 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	1.0000V	0.0060V						4	No	Yes					Yes	
15	2 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	1.0000V	0.0070V						4	No	Yes					Yes	SELECT 2V RANGE
16	2 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	2.0000V	0.0120V						4	No	Yes					Yes	
17	5 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	2.5000V	0.0175V						4	No	Yes					Yes	SELECT 5V RANGE
18	5 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	5.0000V	0.0300V						4	No	Yes					Yes	
19	10 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	5.0000V	0.0350V						4	No	Yes					Yes	SELECT 10 V RANGE
20	10 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	10.000V	0.060V						3	No	Yes					Yes	
21	20 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	10.000V	0.070V						3	No	Yes					Yes	SELECT 20 V RANGE
22	20 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	20.000V	0.120V						3	No	Yes					Yes	
23	50 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	25.000V	0.175V						3	No	Yes					Yes	SELECT 50 V RANGE

Test	Test Name	Test Type	Test Dev.	Dev. Func.	Res Req	Input Method	Setup Value	Allowed Error	% of Value	% of Rng	Rng	Zero	Cts	DP	Auto Prcd	Rst Aft	WF	5075 Rng	GPIB bfr GPIB aft	R/C tst #	Shw Prmt	Prompt Text	
24	50 V F.S.D.	SysInst	C50+	DCV	Yes	Deviation	50.000V	0.300V						3	No	Yes						Yes	
25	1 V LINEARITY	SysInst	C50+	DCV	Yes	Deviation	100.00mV	1.50mV						2	No	Yes						Yes	SELECT 1 V RANGE
26	1 V LINEARITY	SysInst	C50+	DCV	Yes	Deviation	200.00mV	2.00mV						2	No	Yes						Yes	
27	1 V LINEARITY	SysInst	C50+	DCV	Yes	Deviation	300.00mV	2.50mV						2	No	Yes						Yes	
28	1 V LINEARITY	SysInst	C50+	DCV	Yes	Deviation	400.00mV	3.00mV						2	No	Yes						Yes	
29	1 V LINEARITY	SysInst	C50+	DCV	Yes	Deviation	500.00mV	3.50mV						2	No	Yes						Yes	
30	1 V LINEARITY	SysInst	C50+	DCV	Yes	Deviation	600.00mV	4.00mV						2	No	Yes						Yes	
31	1 V LINEARITY	SysInst	C50+	DCV	Yes	Deviation	700.00mV	4.50mV						2	No	Yes						Yes	
32	1 V LINEARITY	SysInst	C50+	DCV	Yes	Deviation	800.00mV	5.00mV						2	No	Yes						Yes	
33	1 V LINEARITY	SysInst	C50+	DCV	Yes	Deviation	900.00mV	5.50mV						2	No	Yes						Yes	
34	1 V LINEARITY	SysInst	C50+	DCV	Yes	Deviation	1.0000V	0.0060V						4	No	Yes						Yes	