

SHUTTER TEST RESULTS FOR CANON P

1sec to 1/1000sec

1

PARAMETER	Sensor2	SensorM	Sensor1
Shutter Speed MicroS	985901	987551	986764
Shutter Speed milliS	985.90	987.55	986.76
Shutter Speed Seconds	0.986	0.988	0.987
Shutter Speed Fraction	9/10	9/10	9/10
Deviation from centre decimal	-0.00	-O-	-0.00
Deviation from centre /3	--	-O-	--

Shutter Speed Nearest	1	1	1
Deviation from nearest decimal	-0.02	-0.02	-0.02
Deviation from nearest /3	--	--	--
Curtain 2 & 1 Travel MilliS	21.8	22.7	
Curtain 1 travel time second half	10.3	first half	12.4
Curtain 2 travel time second half	8.7	first half	13.2
Curtain 1 travel time	2--<<<-- 10.3--<<<--M--<<<-- 12.4--<<<--1		
Curtain 2 travel time	2-<<<<-- 8.7--<<<--M--<<<-- 13.2--<<<--1		

Curtains fully open (between the two sensors)

Flash input not detected

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Ready....

2

PARAMETER	Sensor2	SensorM	Sensor1
Shutter Speed MicroS	507011	510087	511453
Shutter Speed milliS	507.01	510.09	511.45
Shutter Speed Seconds	0.507	0.510	0.511
Shutter Speed Fraction	1/2	1/2	1/2
Deviation from centre decimal	-0.01	-O-	0.00
Deviation from centre /3	--	-O-	--

Shutter Speed Nearest	1/2	1/2	1/2

Deviation from nearest decimal	0.02	0.02	0.03
Deviation from nearest /3	--	--	--

Curtain 2 & 1 Travel MilliS	20.8	25.3
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Curtain 1 travel time second half	11.7	first half	13.5
Curtain 2 travel time second half	8.7	first half	12.2

Curtain 1 travel time	2--<<<--	11.7--<<<--M--<<<--	13.5--<<<--1
Curtain 2 travel time	2-<<<<-	8.7--<<<--M--<<<--	12.2--<<<--1

Curtains fully open (between the two sensors)

Flash input not detected

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Ready....

3

PARAMETER	Sensor2	SensorM	Sensor1
Shutter Speed MicroS	318818	323768	326676
Shutter Speed milliS	318.82	323.77	326.68
Shutter Speed Seconds	0.319	0.324	0.327

Shutter Speed Fraction	1/3	1/3	1/3
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Deviation from centre decimal	-0.02	-O-	0.01
Deviation from centre /3	--	-O-	--

Shutter Speed Nearest	1/4	1/4	1/4
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Deviation from nearest decimal	0.35	0.35	0.39
Deviation from nearest /3	+0 1/3	+0 1/3	+0 1/3

Curtain 2 & 1 Travel MilliS	20.2	28.1
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Curtain 1 travel time second half	13.5	first half	14.6
Curtain 2 travel time second half	8.5	first half	11.7

Curtain 1 travel time	2--<<<--	13.5--<<<--M--<<<--	14.6--<<<--1
Curtain 2 travel time	2-<<<<-	8.5--<<<--M--<<<--	11.7--<<<--1

Curtains fully open (between the two sensors)

Flash input not detected

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Ready....

4

PARAMETER	Sensor2	SensorM	Sensor1
Shutter Speed MicroS	165539	173799	177331
Shutter Speed milliS	165.54	173.80	177.33
Shutter Speed Seconds	0.166	0.174	0.177
Shutter Speed Fraction	1/6	1/6	1/6
Deviation from centre decimal	-0.07	-O-	0.03
Deviation from centre /3	--	-O-	--

Shutter Speed Nearest	1/8	1/8	1/8
Deviation from nearest decimal	0.41	0.41	0.50
Deviation from nearest /3	+0 1/3	+0 1/3	+0 1/3
Curtain 2 & 1 Travel MilliS	20.1	31.9	
Curtain 1 travel time second half	16.9	first half	15.0
Curtain 2 travel time second half	8.6	first half	11.5
Curtain 1 travel time	2--<<<--	16.9--<<<--M--<<<--	15.0--<<<--1
Curtain 2 travel time	2-<<<<--	8.6--<<<--M--<<<--	11.5--<<<--1

Curtains fully open (between the two sensors)

Flash input not detected

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Ready....

5

PARAMETER	Sensor2	SensorM	Sensor1
Shutter Speed MicroS	42012	45717	46594
Shutter Speed milliS	42.01	45.72	46.59
Shutter Speed Seconds	0.042	0.046	0.047
Shutter Speed Fraction	1/24	1/22	1/21
Deviation from centre decimal	-0.12	-O-	0.03
Deviation from centre /3	--	-O-	--

Shutter Speed Nearest	1/32	1/32	1/32
Deviation from nearest decimal	0.43	0.43	0.58
Deviation from nearest /3	+0 1/3	+0 1/3	+0 1/3

Curtain 2 & 1 Travel MilliS 21.4 26.0

Curtain 1 travel time second half 12.6 first half 13.4

Curtain 2 travel time second half 8.9 first half 12.5

Curtain 1 travel time 2--<<<-- 12.6--<<<--M--<<<-- 13.4--<<<--1

Curtain 2 travel time 2-<<<<- 8.9--<<<--M--<<<-- 12.5--<<<--1

Curtains fully open (between the two sensors)

Flash input not detected

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Ready....

6

PARAMETER	Sensor2	SensorM	Sensor1
Shutter Speed MicroS	21576	25618	29149
Shutter Speed milliS	21.58	25.62	29.15
Shutter Speed Seconds	0.022	0.026	0.029

Shutter Speed Fraction	1/46	1/39	1/34
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Deviation from centre decimal	-0.25	-O-	0.19
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Deviation from centre /3	--	-O-	--
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Shutter Speed Nearest	1/64	1/32	1/32
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Deviation from nearest decimal	0.47	0.47	-0.10
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Deviation from nearest /3	+0 1/3	--	--
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Curtain 2 & 1 Travel MilliS 18.4 26.0

Curtain 1 travel time second half 12.1 first half 13.9

Curtain 2 travel time second half 8.0 first half 10.4

Curtain 1 travel time 2--<<<-- 12.1--<<<--M--<<<-- 13.9--<<<--1

Curtain 2 travel time 2-<<<<- 8.0--<<<--M--<<<-- 10.4--<<<--1

Curtains fully open (between the two sensors)

Flash input not detected

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Ready....

7

PARAMETER	Sensor2	SensorM	Sensor1
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Shutter Speed MicroS	16924	19255	23741
Shutter Speed milliS	16.92	19.25	23.74
Shutter Speed Seconds	0.017	0.019	0.024

Shutter Speed Fraction	1/59	1/52	1/42
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Deviation from centre decimal	-0.19	-O-	0.30
Deviation from centre /3	--	-O-	--

Shutter Speed Nearest	1/64	1/64	1/32
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Deviation from nearest decimal	0.12	0.12	-0.40
Deviation from nearest /3	--	--	-0 1/3

Curtain 2 & 1 Travel MilliS	16.8	23.6
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Curtain 1 travel time second half	9.9	first half	13.7
Curtain 2 travel time second half	7.5	first half	9.2

Curtain 1 travel time	2--<<<--	9.9--<<<--M--<<<--	13.7--<<<--1
Curtain 2 travel time	2-<<<<-	7.5--<<<--M--<<<--	9.2--<<<--1

Curtains fully open (between the two sensors)

Flash input not detected

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Ready....

8

PARAMETER	Sensor2	SensorM	Sensor1
Shutter Speed MicroS	6911	6890	8536
Shutter Speed milliS	6.91	6.89	8.54
Shutter Speed Seconds	0.007	0.007	0.009

Shutter Speed Fraction	1/145	1/145	1/117
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Deviation from centre decimal	0.00	-O-	0.31
Deviation from centre /3	--	-O-	--

Shutter Speed Nearest	1/128	1/128	1/128
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Deviation from nearest decimal	-0.18	-0.18	0.13
Deviation from nearest /3	--	--	--

Curtain 2 & 1 Travel MilliS	16.2	17.9
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Curtain 1 travel time second half	7.2	first half	10.7
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Curtain 2 travel time second half 7.2 first half 9.1

Curtain 1 travel time 2---<<<-- 7.2---<<<--M---<<<-- 10.7---<<<--1

Curtain 2 travel time 2-<<<<- 7.2---<<<--M---<<<-- 9.1---<<<--1

Flash input not detected

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Ready....

9

PARAMETER	Sensor2	SensorM	Sensor1
Shutter Speed MicroS	3204	3290	3810
Shutter Speed milliS	3.20	3.29	3.81
Shutter Speed Seconds	0.003	0.003	0.004

Shutter Speed Fraction	1/312	1/304	1/262
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Deviation from centre decimal	-0.04	-O-	0.21
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Deviation from centre /3	--	-O-	--
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Shutter Speed Nearest	1/256	1/256	1/256
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Deviation from nearest decimal	-0.29	-0.29	-0.04
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Deviation from nearest /3	--	--	--
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Curtain 2 & 1 Travel MilliS	16.1	16.8	
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Curtain 1 travel time second half 7.3 first half 9.5

Curtain 2 travel time second half 7.2 first half 9.0

Curtain 1 travel time 2---<<<-- 7.3---<<<--M---<<<-- 9.5---<<<--1

Curtain 2 travel time 2-<<<<- 7.2---<<<--M---<<<-- 9.0---<<<--1

Flash input not detected

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Ready....

10

PARAMETER	Sensor2	SensorM	Sensor1
Shutter Speed MicroS	1231	1107	1768
Shutter Speed milliS	1.23	1.11	1.77
Shutter Speed Seconds	0.001	0.001	0.002

Shutter Speed Fraction	1/812	1/903	1/566
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Deviation from centre decimal	0.15	-O-	0.68
Deviation from centre /3	--	-O-	+0 2/3

Shutter Speed Nearest	1/1024	1/1024	1/512
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Deviation from nearest decimal	0.33	0.33	-0.14
Deviation from nearest /3	+0 1/3	--	--

Curtain 2 & 1 Travel MilliS	16.1	16.6
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Curtain 1 travel time second half	7.0	first half	9.5
Curtain 2 travel time second half	7.2	first half	8.9

Curtain 1 travel time	2--<<<--	7.0--<<<--M--<<<--	9.5--<<<--1
Curtain 2 travel time	2-<<<<-	7.2--<<<--M--<<<--	8.9--<<<--1

Flash input not detected

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Ready....

Sensor 2 operated, for 34 seconds. - loop

Error with readings

Sens2>34S L

Sensor 2 operated, for 34 seconds. - loop

Sensor Reversed Flag true/false	0		
PARAMETER	samples	Sensor2	SensorM
rising	Sensor count	3	0
falling	Sensor count	3	0
Shutter Speed UnCal	MicroS	1749	1625
Shutter Speed UnCal	milliS	1.7	1.6
Shutter Speed UnCal	Seconds	0.002	0.002

Shutter Speed	MicroS	1231	1107	1768
Shutter Speed	milliS	1.2	1.1	1.8
Shutter Speed	Seconds	0.001	0.001	0.002

Curtain Travel	MicroS	16054	16591
Curtain Travel	MilliS	16.1	16.6

Reset shutter to continue testing....

Ready....

Only Sensor 2 & M has operated, after 4 seconds. - loop

Error with readings

Sens2&M Only>2S L

Error - Only Sensor 2 & M has operated, after 4 seconds. - loop

Sensor Reversed Flag true/false 0

PARAMETER	samples	Sensor2	SensorM	Sensor1
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rising Sensor count	3	3	0	
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falling Sensor count	3	3	0	
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Shutter Speed UnCal MicroS	1749	1625	2286	
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Shutter Speed UnCal milliS	1.7	1.6	2.3	
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Shutter Speed UnCalSeconds	0.002	0.002	0.002	
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Shutter Speed MicroS	1231	1107	1768	
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Shutter Speed milliS	1.2	1.1	1.8	
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Shutter Speed Seconds	0.001	0.001	0.002	
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Curtain Travel MicroS	16054	16591		
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Curtain Travel MilliS	16.1	16.6		
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