

SEFRAM 7202, 7203 and 7204 TRMS AC Digital Multimeters

Compact, robust and accurate

NEW

Capabilities

- Voltage measurements up to 600V AC and 600V DC
- Current measurements up to 10A (7203 & 7204)
- Frequency
- Capacitance
- Temperature (7204)
- Resistance measurements up to 40Mohms
- Continuity test with buzzer
- Voltage detector (non contact)
- Peak-Hold and relative mode
- Protective rubber holster with magnet



TRMS AC measurements

The new 720X series offers TRMS AC measurement with a crest factor up to 3. All types of signals can be measured with excellent accuracy.

Holster with magnet

The new rubber holster equipped with a magnet will not only protect your DMM against shocks, but will allow you to work with both hands free. This feature is very useful when working in an electrical switch board.

Special functions

Each model in the 720X series includes:

- Non contact voltage tester
- Peak-Hold measurements
- Relative measurements

Extend the current ranges up to 3000A AC with the Flex clamps

For some of your applications, you need to measure higher current? We have the solution! With our Flex clamps SEFRAM SP295 & SP296, you can extend the measurement range up to 3000A AC.

Selection guide	7202	7203	7204
AC & DC Voltage	✓	✓	✓
Resistance, frequency, capacitance	✓	✓	✓
µA DC current	-	✓	✓
6/10A AC & DC current	-	✓	✓
Temperature	-	-	✓
Backlighted LCD	-	-	✓



SEFRAM 7202, 7203 and 7204

TRMS AC Multimeters

Specifications	7202	7203	7204
DC Voltage			
Ranges		600mV to 600V	
Accuracy		$\pm(0,5\% + 3dgt)$	
Resolution		0,1mV to 0,1V	
(600mV is separate from other ranges)			
AC Voltage - TRMS AC			
Ranges		600mV to 600V	
Resolution		0,1mV to 0,1V	
Accuracy		$\pm(1,0\% + 3dgt)$	
Bandwidth		45Hz to 500Hz	
Crest factor		3 max. for a display of 4000 counts	
DC current - μA (7203, 7204)			
Ranges	-	400 μ A and 4000 μ A	
Accuracy	-	$\pm(0,9\% + 5dgt)$	
Resolution	-	0,1 μ A and 1 μ A	
Protection	-	HPC 15A fuse / 10 x 38mm	
DC current - 10A input (7203, 7204)			
Ranges	-	6A and 10A	
Accuracy	-	$\pm(1,5\% + 3dgt)$	
Resolution	-	1mA and 10mA	
Protection	-	HPC 15A fuse / 10 x 38mm	
AC current - 10A input - TRMS AC (7203, 7204)			
Ranges	-	6A and 10A	
Resolution	-	1mA and 10mA	
Accuracy	-	$\pm(1,5\% + 5dgt)$	
Bandwidth	-	45Hz to 500Hz	
Crest factor	-	3 max. for a display of 4000 counts	
Protection	-	HPC 15A fuse / 10 x 38mm	
Frequency			
Ranges		100Hz to 50kHz	
Accuracy		$\pm(0,1\% + 2dgt)$	
Sensitivity (voltage)		4V for $f < 10kHz$ and 20V for $f > 10kHz$	
Sensitivity (current)		0,6A from 10Hz to 50kHz	
Capacitance			
Ranges		50nF to 1000 μ F	
Resolution		0,01nF to 1 μ F	
Accuracy		$\pm(1,9\% + 8dgt)$	
Protection		600Vrms	
Resistance			
Ranges		600ohms to 40Mohms	
Accuracy		$\pm(0,5\% + 2dgt)$	
Resolution		0,1 Ω to 10k Ω	
Protection		600Vrms	
Continuity test		yes, with buzzer, threshold level between 30 Ω and 200 Ω	
Diode test		yes, on 1,5V range	
Voltage detector		non contact voltage detector, from 90V to 600V	
Peak-Hold (voltage & current)			
Accuracy		± 150 digits typique	
Temperature (7204)			
Ranges	-	-	-40°C to +400°C
Accuracy (without thermocouple)	-	-	$\pm(1\% + 1^\circ C)$
Protection	-	-	600Vrms
Functions			
		Hold, Peak-Hold, relative mode, auto power-off	

General specifications

Display	LCD, with backlight on 7204 3 digits 3/4, 6000 counts		
Measurement rate	3 measures/s		
Operating temperature	0°C to 40°C		
Storage temperature	-10°C to 60°C		
Protection	electronic and 15A HPC fuse, depending on ranges		
Safety	CAT III - 600V		
Power supply	2 x 1,5V - AAA batteries		
Autonomy	300h typical (with alkaline batteries)		
Dimensions	77 x 148 x 45mm (with holster)		
Weight	320g (with holster)		
Warranty	1 year		

supplied with : batteries, 1 set of safety test leads, manual, thermocouple (7204), rubber holster



FT720XA00 - Specifications can be updated without notice



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