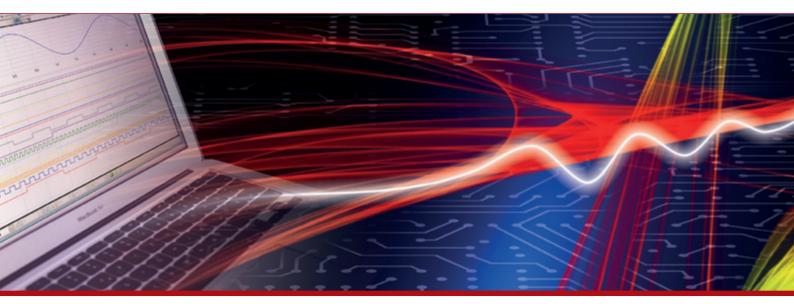


# **Product Datasheet - Technical Specifications**



More information in our Web-Shop at ▶ www.meilhaus.com

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# SEFRAM 7202, 7203 and 7204

TRMS AC Digital Multimeters

# Compact, robust and accurate

## 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.

#### Special functions

Each model in the 720X series includes:

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

### **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 usefull when working in an electrical switch board.

# 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	<b>V</b>	<i>'</i>	<b>✓</b>
Resistance, frequency, capacitance	✓	<b>✓</b>	<b>✓</b>
µA DC current	-	<b>✓</b>	<b>✓</b>
6/10A AC & DC current	-	<b>✓</b>	<b>✓</b>
Temperature	-	-	<b>✓</b>
Backlighted LCD	-	-	<b>✓</b>





# SEFRAM 7202, 7203 and 7204

**TRMS AC Multimeters** 

Specifications	7202	7203	7204	
DC Voltage				
Ranges		600mV to 600V		
Accuracy		±(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		±(1,0% + 3dgt)		
Bandwidth	45Hz to 500Hz			
Crest factor		3 max. for a display of 4000 cou	unts	
DC current - µA (7203, 7204)				
Ranges	-	400µA a	nd 4000µA	
Accuracy	-		% + 5dgt)	
Resolution	-	0,1µA	and 1µA	
Protection	-	HPC 15A fus	se / 10 x 38mm	
DC current - 10A input (7203, 7204)				
Ranges	=		nd 10A	
Accuracy	=		6 + 3dgt)	
Resolution	-		nd 10mA	
Protection	-	HPC 15A fus	e / 10 x 38mm	
AC current - 10A input - TRMS AC (7203, 720			1.404	
Ranges	-	6A a	nd 10A	
Resolution	-		nd 10mA	
Accuracy	-	±(1,5%	6 + 5dgt)	
Bandwidth	-		to 500Hz	
Crest factor	-	3 max. for a display	of 4000 counts	
Protection	-	HPC 15A fuse /	10 x 38mm	
Frequency		40011 /		
Ranges		100Hz to 50kHZ		
Accuracy		$\pm (0,1\% + 2dgt)$	21	
Sensitivity (voltage)		4V for f<10kHz and 20V for f>10	JKHZ	
Sensitivity (current)		0,6A from 10Hz to 50kHz		
Capacitance				
Ranges	50nF to 1000μF			
Resolution	0,01nF to 1µF			
Accuracy	±(1,9% + 8dgt)			
Protection		600Vrms		
Resistance		COO =		
Ranges	600ohms to 40Mohms			
Accuracy	±(0,5% + 2dgt)			
Resolution Protection	0,1Ω to 10kΩ			
Continuity test	600Vrms			
Diode test	yes, with buzzer, threshold level between $30\Omega$ and $200\Omega$			
Voltage detector	yes, on 1,5V range non contact voltage detector, from 90V to 600V			
Peak-Hold (voltage & current)	non contact voltage detector, from 90V to 600V			
Accuracy		±150 digits typique		
Temperature (7204)		± 150 digita typique		
Ranges	-		-40°C to +400°C	
Accuracy (without thermocouple)	-		±(1% + 1°C)	
Protection	<u>-</u>	_	600Vrms	
Functions		ld. Peak-Hold. relative mode. aut		
	HO	ia, i cak rioia, relauve fficue, dut		
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			
	2 x 1,5V - AAA batteries			
	300h typical (with alkaline batteries)			
		<u> Datte Datte</u>	1103/	
Autonomy		77 x 148 x 45mm (with holste		
Autonomy Dimensions	<u> </u>	77 x 148 x 45mm (with holste		
Power supply Autonomy Dimensions Weight Warranty				

FT720XA00 - Specifications can be updated without notice



