



<b>Symbol:</b>	AX-DS1100CFM
<b>Manufacturer:</b>	AXIOMET
<b>Product groups:</b>	Digital oscilloscopes

## Product specifications

<b>Type of oscilloscope:</b>	digital
<b>Band:</b>	$\leq 100\text{MHz}$
<b>Number of channels:</b>	2
<b>Memory record length:</b>	1Mpts/ch
<b>Sampling:</b>	1Gsps (in real time), 50Gsps (in equivalent time)
<b>Rise time:</b>	3,5ns
<b>Kind of display used:</b>	LCD 7" (480x234), color, contrast adjustment
<b>Time base:</b>	2,5n...50s/div
<b>Vertical resolution:</b>	8 bit

## Product card AX-DS1100CFM

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<b>Trigger modes:</b>	automatic, normal, single
<b>Max. input voltage:</b>	400 V
<b>Input impedance:</b>	1M $\Omega$ /14pF
<b>Horizontal accuracy:</b>	$\pm 0.01$ %
<b>Input sensitivity:</b>	2mV/div...10V/div
<b>Input coupling:</b>	AC, DC, GND
<b>Trigger coupling:</b>	<ul style="list-style-type: none"><li>• AC</li><li>• DC</li><li>• lowpass</li><li>• highpass</li></ul>
<b>Trigger source:</b>	<ul style="list-style-type: none"><li>• CH1</li><li>• CH2</li><li>• external signal</li><li>• supply voltage source</li></ul>
<b>Weight:</b>	2.4 kg
<b>Power supply:</b>	100...240VAC, 45...440Hz
<b>Overall dimensions (W x D x H):</b>	399x110.5x148.5 mm

<b>Measuring instrument features:</b>	<ul style="list-style-type: none"> <li>• digital filter function</li> <li>• Holdoff function: 100ns...1,5s</li> <li>• Pass/Fail function</li> <li>• value averaging function with maximal 256 runs</li> <li>• mathematical functions: addition, subtraction, division, multiplication and FFT</li> <li>• measurements by means of cursors</li> <li>• X-Y operation mode</li> <li>• displays input waveform and FFT on divided screen</li> <li>• records input waveform</li> <li>• integrated FFT with algorithm selection: Hamming, Hanning, Blackman, Rectangular</li> <li>• memory for 20 settings</li> <li>• 20 measurement memory</li> <li>• automatic measurement of many parameters</li> </ul>
<b>Standard equipment:</b>	<ul style="list-style-type: none"> <li>• 2 voltage probes with 1:1/10:1 divider</li> <li>• USB cable</li> <li>• software</li> </ul>
<b>Interface:</b>	<ul style="list-style-type: none"> <li>• RS232</li> <li>• USB</li> </ul>
<b>Trigger:</b>	video signal, impulse width, rising-edge, falling-edge
<b>Plug variant:</b>	EU
<b>Kind of output connector:</b>	USB A socket

## Additional information

<b>Gross weight:</b>	3.331 kg
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