

<b>Symbol:</b>	AX-DS1052CFM
<b>Manufacturer:</b>	AXIOMET
<b>Product groups:</b>	Digital oscilloscopes

## Product specifications

<b>Oscilloscope type:</b>	digital
<b>Band:</b>	$\leq 50\text{MHz}$
<b>Number of channels:</b>	2
<b>Memory record length:</b>	32kpts
<b>Sampling:</b>	500Msps (in real time)
<b>Rise time:</b>	7ns
<b>Type of display used:</b>	LCD TFT 7" (800x480)
<b>Time base:</b>	5n...50s/div
<b>Vertical resolution:</b>	8 bit
<b>Trigger modes:</b>	automatic, normal, single
<b>Max. input voltage:</b>	400 V
<b>Input impedance:</b>	1M $\Omega$ /18pF
<b>Input sensitivity:</b>	2mV/div...10V/div
<b>Input coupling:</b>	AC, DC, GND

## Product card AX-DS1052CFM

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<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>	2.5 kg
<b>Power supply:</b>	100...240VAC, 50/60/400Hz
<b>Overall dimensions (W x D x H):</b>	323.1 x 135.6 x 157 mm
<b>Measuring instrument features:</b>	<ul style="list-style-type: none"><li>• digital filter function</li><li>• Pass/Fail function</li><li>• mathematical functions: addition, subtraction, division, multiplication and FFT</li><li>• displays input waveform and FFT on divided screen</li><li>• integrated FFT with algorithm selection: Hamming, Hanning, Blackman, Rectangular</li><li>• memory for 20 settings</li><li>• automatic measurement of many parameters</li></ul>
<b>Standard equipment:</b>	<ul style="list-style-type: none"><li>• mains cable</li><li>• oscilloscope probe (1 per channel)</li></ul>
<b>Interface:</b>	<ul style="list-style-type: none"><li>• LAN</li><li>• USB</li></ul>

**Trigger:**

risetime, video signal, impulse width, rising edge, falling edge

## **Additional information**

**Gross weight:**

2 kg