

DFMS_A01 Tangent Delta Measurement Unit

Highlight

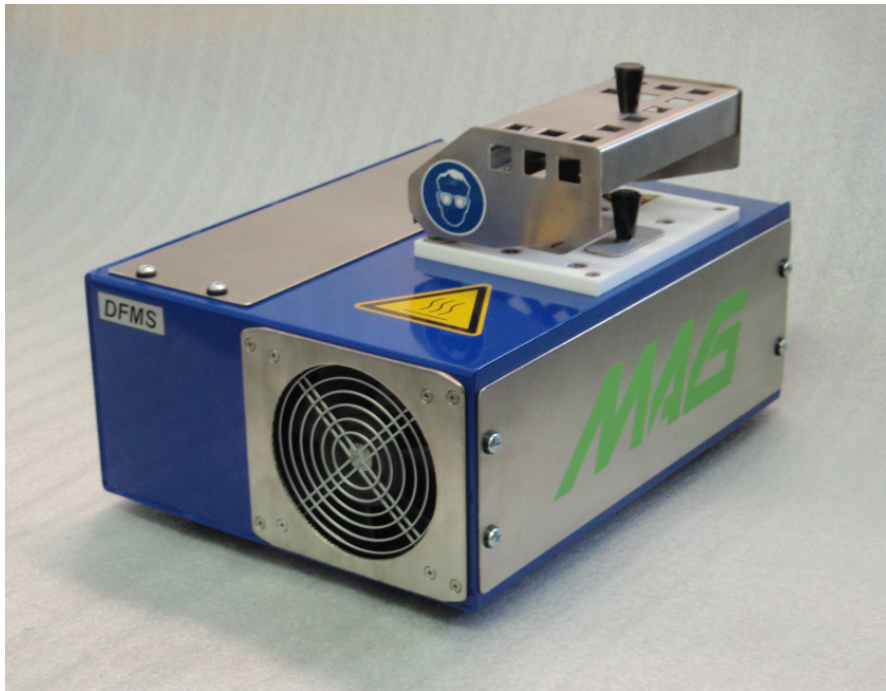
The DFMS_A01 is a Tangent Delta bath unit, designed for connecting to the DFMS400 base device.

The external conductor is made of a metal alloy, which takes on a liquid consistence during operation.

The additional bath unit offers the possibility of carrying out point measurement as well as curve measurement.

With the standard sample holder wires from 0.05 up to 1.5 mm can be measured. Round wire up to 3.5 mm can be tested, by using the sample holder DFMS_Z01.

The connection between the base system (DFMS400) and the DFMS_A01 is made by an USB interface.



TECHNICAL DATA	
Dimensions	
Dimensions ((WxHxD)	312 x 293 x 401mm
Weight	18kg
Power Supply	
Power Supply	InputAC 230V 50/60Hz
Max. Power consumption	250VA
Bath unit:	
Measurement range	60 – 300 °C
Resolution	0.1 °C
Accuracy	± 1 °C
Sample holder	
Wire range	0.05 – 1.5mm (other ranges on inquiry)
Measurement unit	
Measurement range (DF)	0.002 – 0.99
Resolution	0.0002 (C> 40pF)
Test voltage	1V
Test frequency	1KHz
Interfaces	
USB	1x
Environment	
Operating temperature	10 – 45 °C
Air humidity	Max. 70%, not condensing