





The LE-373 is an electromagnetic coating thickness The LH-373 is a coating thickness tester for The LZ-373 is a dual type coating thickness tester tester for measuring the thickness of coatings such measuring the thickness of insulating coatings capable of measuring the thickness of coatings as paint or plating (except electro nickel coating) on non-magnetic metal substrates. It is capable of on both magnetic substrates and non-magnetic on magnetic substrates. It can transmit data to a measuring relatively thin coatings such as alumite metal substrates. It is ideal for workplaces handling computer, and includes 16 different functions such as with high accuracy. As with the LE-373, there are a variety of materials and coatings. It includes 16 application (calibration curve) memory, measurement added functions to output data to a computer, and added functions as well as data output to a computer, data memory, upper and lower limit setting for carry out simple statistical processing including and simple statistical processing including times coating thickness management, simple statistical times measured, average, maximum and minimum measured, average, maximum and minimum values, values, and standard deviation

processing, and data o	utput. values, and standard deviation.	and standard deviation.
Model / Measuring Method	LZ-373 / Electromagnetic and Eddy-current	
	LE-373 / Electromagnetic	LH-373 / Eddy-current
Probe Type	LEP-J (Fe)	LHP-J (NFe)
Applications	Non-magnetic coatings on magnetic metal (iron, steel)	Insulating coatings on non-magnetic metal (non-iron)
Measurable Range	0 to 2500µm or 99.0 mils	0 to 1200µm or 47.0 mils
Measuring Accuracy	Under 50µm: ±1µm, 50µm to under 1000µm: ±2%, 1000µm and over: ±3%	
Resolution	Under 100µm: 0.1µm, 100µm and over: 1µm	
Data Memory	Approx. 39,000 points	
Application Memory	100 (LZ-373:50 types each of electromagnetic and eddy-current)	
Display Method	Digital (LCD with backlight, smallest display unit: 0.1µm)	
External Output	PC (USB or RS-232C)	
Power Supply	1.5 V alkaline batteries (size AA) x 4	
Power Consumption	80 mW (with backlight off)	
Battery Life	100 hours (continuous use with backlight off)	
Operating ambient temp.	0 to 40 ℃	
Functions	16, various settings	
Dimensions & Weight	Main unit: 75 (W) x 145 (D) x 31 (H) mm, 0.34 kg	
Conformity Standard	Electromagnetic induction:JIS K5600-1-7,JIS H8501,JIS H0401 / ISO 2808,ISO 2064,ISO 1460,ISO 2178,ISO 19840 / BS 3900-C5 / ASTM B 499,ASTM D 7091-5,ASTM E 376 Eddy-current:JIS K5600-1-7,JIS H8680-2,JIS H8501 / ISO 2808,ISO 2360,ISO 2064,ISO 19840 / BS 3900-C5 / ASTM D 7091-5,ASTM E 376	
Accessories	Iron substrate (FE-373), aluminum substrate (NFE-373), calibration foil set, probe adapter, carrying case, 1.5 V batteries (size AA alkaline) \times 4, operating manual	
Options	Calibration foils (other than the furnished set), measuring stand LW-990, Personal computer cable VZC-53, RS-232C-USB converter, Data logger software "LDL-03", Data management software "McWave Series" and "MultiProp"	

Optional equipment

Measuring stand LW-990

















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 Please read the "Operating Manual" carefully before using in order to use the device correctly and safely Do not place anywhere there is a great deal of water, humidity, steam, dust, or oily smoke. These can cause malfunction.



• For enquiries regarding this product, please contact us at the address above, or by e-mail.

To improve the product, specifications and the external appearance may be changed without notice. In addition, please note that due to printing, the product's color may appear different from the actual article.

373 Series Coating Thickness Testers

Kett

Electromagnetic Coating Thickness Tester LE-373 Eddy Current Coating Thickness Tester LH-373 Dual-Type Coating Thickness Tester LZ-373



Numerous features 3 Series Coating Thickness Testers. condensed into Ø compact body

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 The 373 series can be expected to be useful in many workplaces where coating thickness management is required.

This product conforms with the JIS 5600 standard.

All Data

The LE-373 is an electromagnetic coating thickness tester for measuring the thickness of non-magnetic coatings such as paint or plating (except electro nickel coating) on magnetic metal substrates. The LH-373 is a coating thickness tester for measuring the thickness of insulating coatings on non-magnetic metal substrates. It is capable of measuring relatively thin coatings such as alumite. The LZ-373 is a dual type coating thickness tester capable of measuring the thickness of coatings on both magnetic metal substrates and non-magnetic metal substrates. The 373 series of coating thickness testers is ideal for workplaces handling a variety of materials and coatings. Each model can transmit data to a computer, and includes 16 different functions such as application (calibration curve) memory, measurement data memory, upper and lower limit setting for coating thickness management, simple statistical processing, and data output. We also provide options such as a measurement stand, external output cable, and data management software.

A small sized, lightweight compact body.

The size is 75 mm in width, 145 mm in length, and 31 mm in thickness, with a weight of 340 g. The size fits in one hand for easy use in the measurement workplace.

Multiple functionality built in.

We include all of the functions normally required for coating thickness management. It is possible to set 16 functions as required, such as Application, Substrate Calibration, Delete Data, Data Memory, Limits, Statistics (times measured, average, standard deviation, max value, min value), Display Property, Date/ Time, Auto Off Time, Brightness, Lighting Time, Unit, Data Output, Lot Splitting, Measurement Modes, and Maintenance.

Plenty of options.

If the optional measurement stand LW-990 is used, it is easy to measure curved surfaces such as pipes that are normally hard to measure. Further, repeatability error and personal error can be kept at a minimum for normal flat surface measurement. By using in combination with the data management software "Data Logger LDL-03" or

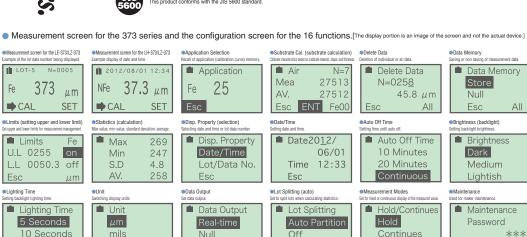


Optional measurement stand LW-990

the "McWAVE Series", data can be saved in MS Excel format, measurement data can be edited, and various management diagrams can be created.

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