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Features 	DPM-816 Lite 	DPM-816 Pro 
Measuring range (normalized), - μm - mil	0-2000 0-78	0-3000 0-118
Maximum measurable thickness, - μm - mil	3500 137	3500 137
Absolute measurement error*	$\pm 3\%$	$\pm 1\%$
Resolution* (min-max) - μm (fixed dynamic) - mil (dynamic) - mm (fixed)	1 (1-10) 0.1-1 0.01	1 (1-10) 0.01-1 0.01
Operating temperature - $^{\circ}\text{C}$ - $^{\circ}\text{F}$	-20...40 -4...104	-25...40 -13...104
Auto Detection Measurement		
Automatic metal type recognition (Fe/nFe)		
Manual selection of measurement methods		

Magnetic induction measurement method		
Eddy current measurement method		
Measures on a ferrous metal substrate		
Measures on a non-ferrous metal substrate		
Measures electrically conductive non-magnetic surfaces on a ferrous metal substrate		
Measures on galvanized surfaces on a ferrous metal substrate		
Measures on convex and concave surfaces		
Measures deviation from a sample		
Continuous measurement		
One-point calibration		
Two-point calibration		
Six-point calibration (mode P)		

Power On Auto Calibration		
Automatic calibration under different weather conditions		
Display backlight		
Distinct sound signal for each measurement method and button press		
Units of measurement, [μm, mm, mil]		
Automatically turns off power		
Low battery indicator		
Microcontroller manufacturer	Texas Instruments	Texas Instruments
Serial Number Prefix ID	1E10	1F10
Colors		
Factory warranty	1 Year	3 Years

This table shows the general characteristics that are simplified for your understanding. For exact parameters, errors, measurement step, etc., see the specifications for a specific device. For accurate measurements, it is recommended to complete the two-point calibration before measuring. The data in this table is current as of December 3, 2019