

COATING THICKNESS GAUGE MODEL - KM-117 / KM 118



Preliminary Data


INTRODUCTION

KM-117 is a portable easy to use 3½ digit, compact-sized digital coating thickness gauge sighting designed for simple one hand operation. Meter comes with Backlit LCD display, Auto-Hold function and Auto Power Off (15 seconds approx.) after releasing trigger to extend battery life.

FEATURES :

- ❑ Measure magnetic and non-magnetic materials for all metals (KM 118)
- ❑ Measure magnetic coating (KM 117)
- ❑ Automatic substrate recognition for quick measurements (KM 118)
- ❑ Ideal for coating inspections, paint applications and automotive refinishers
- ❑ Portability and simplicity one hand operation
- ❑ Select the on-line display for one of MAX, MIN and MAX-MIN
- ❑ 2-point calibrations
- ❑ Auto-holding reading
- ❑ Auto-power off

SPECIFICATIONS

Models	KM 117	KM 118
Display	3½ digit liquid crystal display (LCD) with maximum reading of 1999.	
Thickness Range	0 to 40.0 mils (0 to 1000μm).	
Display Resolution	0.1 mils / 1μm.	
Accuracy	± 4 dgts on 0 to 7.8 mils ± 7 dgts on 0 to 199μm ± (3% + 4dgts) on 7.9 mils to 40 mils (200μm to 1000μm)	
Low battery indication	The "  " is displayed when the battery voltage drops below the operating level.	
Response Time	1 second.	
Magnetic induction	●	●
Eddy Current	—	●
Testing Substrates	Ferrous	Non-Ferrous
Backlight	●	●
Hi / Lo Limits	—	●
MAX/MIN	—	●
Operating Environment	0°C to 50°C at < 75% R.H.	
Storage Temperature	-20°C to 60°C, 0 to 80% R.H. with battery removed from meter.	
Auto power off	Approx. 15 seconds.	
Standby consuming current	< 6μA.	
Battery	Standard 9V battery.	
Dimensions	148(H) x 105(W) x 42(D)mm.	
Weight	Approx 157g (including battery).	
Accessories	Manual, Carrying case.	

Note: All Specification are Subject to change.