

OPTECH-M/MA

OPTICAL MEASURING INSTRUMENT

THE OPTECH-M/MA IS A NON-CONTACT, HIGHLY PRECISE OPTICAL MEASURING INSTRUMENT. THE OPTECH-M/MA PREVENTS CHIPPING AS FOUND WITH CONVENTIONAL MEASUREMENT DEVICES. THE OPTECH-MA CAN MEASURE CUTTING TOOLS WITH AN EVEN OR ODD NUMBER OF FLUTES AS FOUND ON CERTAIN ROUTER AND DRILL BITS. ADDITIONALLY, THERE IS AN OPTION TO SPECIFY METRIC OR INCH MEASUREMENTS.

FEATURES:

- NON-CONTACT PREVENTS CHIPPING. EASY TO USE MEASURING TECHNIQUE, USING A WORK POINT SENSOR.
- BY SETTING THE TOOL ONTO THE WORK REST AND WITH ONE ROTATION AN ACCURATE MEASUREMENT IS ACHIEVED.
- NEW REDUCED SIZE IMPROVES OPERATION (WEIGHT 20% LESS, DEPTH 25% LESS, HEIGHT 15% LESS COMPARED TO THE PREVIOUS MODEL).
- THE ADDITIONAL COMPARATOR FUNCTION TOGETHER WITH «GO/NO GO» CONTROL USING THE UPPER AND LOWER LIMIT SETTING IS SUPPORTED BY A VISUAL (LAMP) AND AUDIBLE (BUZZER) CONFIRMATION. SETTING VALUES ARE MEMORIZED EVEN AFTER TURNING THE POWER OFF.
- PC INTERCONNECTION VIA A STANDARD RC-232C INTERFACE OFFERS EASY DATA TRANSFER.
- BY PRESSING THE BUTTON UNDER THE WORK REST AND ROTATING THE TOOL ONCE, THE MAXIMUM VALUE IS RECORDED.



SPECIFICATIONS

MEASURING ITEM
MAXIMUM MEASURING RANGE
RESOLUTION
ACCURACY
NUMBER OF MEASUREMENTS
LIGHT SOURCE
PHOTO DETECTOR
DISPLAY
FUNCTION
OPERATING TEMPERATURE
DIMENSIONS
WEIGHT
POWER

*1

OPTECH-M	OPTECH-MA
Even number of flutes	Odd number of flutes
Ø 0.1 mm ~ Ø 6.5 mm	
2 µm	
4 µm	
200 times/sec.	
Infrared LED	
CCD	
4 digits	
Comparator upper/lower limit control with backup data function for setting measurement value	
	Switch mode odd/even
5° ~ 40° C	
190 mm (W) x 85 mm (D) x 122.5 mm (H)	
1.6 kg	
AC 100~240V 50/60Hz	

*1 Does not include a quantum margin error