

CIRCUMFERENCE METER D.MESS

Size I: Order No.: C01-0400
Size II: Order No.: C01-0410
Size III: Order No.: C01-0407



D.Mess – the next generation of the reliable digimess, already proven throughout the world wide industry, with increased measuring accuracy (+/- .00002 in.). D.Mess – the measuring system for those who need to measure diameter, circumference and roundness of printing cylinders, rollers etc.

D.Mess measures with the utmost precision and reproducibility. The D.Mess fulfills the highest demands on measuring accuracy. D.Mess is very easy to use; even unskilled users can properly operate the instruments with full accuracy.

The entire body of the D.Mess is made of distortion free reinforced cast aluminium. This construction guarantees long time precision. A precise measuring probe, a microprocessor for the conversion of distance measurements, a temperature probe and a data printer are built into the instrument.

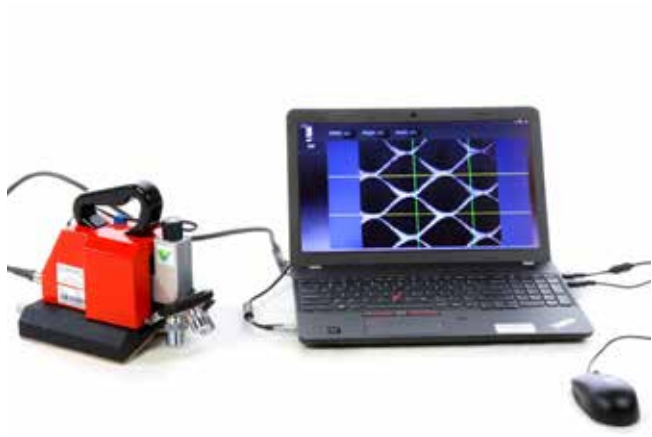
The digital LED-display can be switched over to show either diameter or circumference.

The measurement principle is a vertex measurement by means of a precision-angle-piece, with motorized, highly precisioned digital measuring probe and subsequent calculation to diameter and circumference.

The external temperature influence to the object to be measured is compensated.

DOT-CHECK TYP WH360

incl. objectives 20x, 40x and Laptop
Order No.: C01-0473



The world-wide known Dot-Check is a measuring device for the manual measurement of all types (measurement of lateral, longitudinal diagonal and depth). The main application area is the control of engraved, etched or lasered gravure cylinders as well as screen rollers

The Dot-Check consists of a microscope with a high-resolution CCD camera and a Laptop as computing unit. The microscope is equipped with a special base so that it can be set up directly onto the cylinder. Two adjustable screws ensure an additional moving of the measuring position in directions x and y.

The measuring lines are administered in the image on screen. The distance between these lines is indicated in μm . Since the measuring lines can be arranged both horizontally and vertically, it is simple to measure the longitudinal and lateral diagonals of the cells. The depth can be specified by the adjustment of the surface to zero and the subsequent focus of the cell ground. The adjustment in the z-direction is done by a motor.