

MODEL C WET FILM THICKNESS GAUGE WITH OPTIONAL HANDLE

**ACCURACY CERTIFICATION
AVAILABLE
MEETS ASTM D 1212**

The Model C Wet Film Thickness gauge is a precision instrument for use in the laboratory, the field and on the production line. It accurately measures the wet film thickness of paint, varnishes, lacquers, adhesives, inks, gel coats and almost any type of wet film applied to flat or cylindrical surfaces.

The model C gauge was developed by Maynard R. Euverard to take full advantage of features covered in patents issued to him under U.S. Patents 2,507,592 and 3,128,558.

DESCRIPTION

The gauge is in the form of a wheel, approximately two inches in diameter, made up of three disk sections. Two of the disks are of the same diameter, spaced apart adequately for gauge support, and are concentric. The third disk, somewhat smaller, is located on the outside of the supporting disks and is eccentric to them. When the gauge is rolled over a wet film the eccentric disk will pick up the material only at and below the actual thickness, which permits its immediate and direct reading.

INSTRUCTIONS

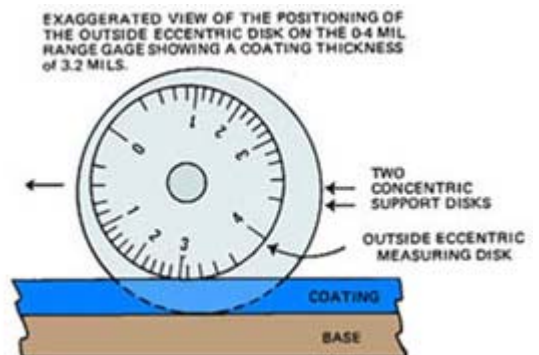
Select the Model C gauge with the range which will accommodate the thickness to be measured between 10% and 90% of the gauge range. Grasp the gauge with the thumb and forefinger so that the gauge body is free to turn. Place the gauge on a freshly coated surface at a thickness position greater than expected and roll the gauge to a thickness less than expected. The gauge may then be lifted and placed on another part of the surface and rolled in the opposite direction on the unused portion of the gauge. Examination of the outside eccentric disk will show thickness values at which pick-up of the coating have taken place and the average of these values may be taken as the true coating thickness.



Model C Wet Film Gauge



C Gauge,
Side View



Drawing, C Gauge



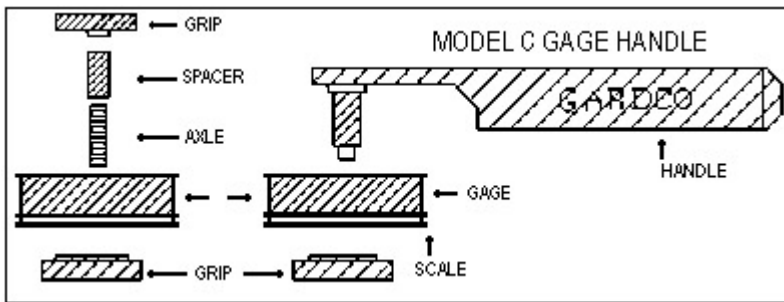
Model C Gauge,
Showing Disk Tracks

MODEL C GAUGE HANDLE

A gauge handle is available for use with the Model C gauge. It can be quickly and firmly attached to or removed from the gauge. It is useful as an aid in aligning the gauge on the test surface. When the gauge is used on a moving surface, the handle aids the user to keep his hand at a distance from such surface. It also may prevent the possibility of dropping the precision instrument onto a costly rotating roller.



Model C Gauge with Handle



Drawing, Model C Gauge Handle

The handle is about six inches long and is produced from solid bar stock aluminum. The handle axle is designed to accept all Gardco produced Model C gauges. The gauge is held in place on the handle with one of the gauge grips so it is readily removable for cleaning or for reassembly for use of the gauge with grips only.

AVAILABLE ITEMS

Item Number	Item Description
800-WF-2205	0-2 MILS, SMALLEST GRAD = 0.1 MILS
800-WF-2210	0-4 MILS, SMALLEST GRAD = 0.2 MILS
800-WF-2215	2-12 MILS, SMALLEST GRAD = 0.5 MILS
800-WF-2220	10-30 MILS, SMALLEST GRAD = 1 MILS
800-WF-2225	20-60 MILS, SMALLEST GRAD = 2 MILS
800-WF-2231	Model C Wet Film Thickness Gauge Handle
800-WF-2200/CERT	Gauge Certification to ANSI/NCSL Z540-1, or MIL-STD-45662A as applicable

All Gauge Ranges engraved with 20 divisions & furnished with a mil to micron conversion table



#800-WF-2242

Soft Case - Full grain leather pouch with protective leather straps, Velcro lock down and double bar snap closure.

Accessories



#800-WE-2231

Handle for all GARDCO Precision Wet Film Thickness Gauges



#800-WF-2244

Hard Case for best protection includes plywood frame with black embossed vinyl covering, stud and pin snap and inner case of soft nylon velvet.

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