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# **UV PROCESS SUPPLY, INC.**

## **CON-TROL-CURE® WET FILM THICKNESS GAGE**

PART # M002-002 (0-2 mils), M002-003 (0-4 mils)

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The CON-TROL-CURE® Wet Film Thickness Gage is a precision, direct reading instrument for accurately measuring the wet film thickness of paint, varnish, lacquers, adhesives, inks, gel coats and many other products.

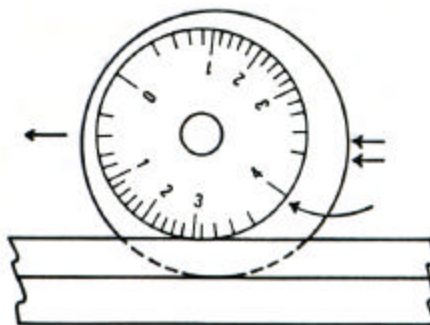
The CON-TROL-CURE® Wet Film Thickness Gage will measure the wet film thickness of a coated substrate quickly and accurately. Practically any type of coated surface, from a coated flat laboratory panel to the curved interior or exterior surface of a pipe can be measured with this gage. The gage is shaped like a wheel with three rims. Adjacent to and on the outside of one of the two support rims, which penetrate the coating to the substrate, is an eccentric, measuring rim. To measure wet film thickness, the gage is placed on a freshly coated substrate at the highest range position and it is rolled in one direction. It is then lifted, placed on another part of the substrate with the wheel at the original position and rolled in the opposite direction. Examination of the measuring rim will show positions at which pick-up took place and each point will correspond to a position on the scale or the wet film thickness.

The CON-TROL-CURE® Wet Film Thickness Gage is available in 2 thickness ranges corresponding to the difference in wheel radius between the support and measuring rims and the degree of eccentricity of the measuring rim. A calibrated scale is engraved directly on the measuring rim. Accuracy of 2.5 %

### **INSTRUCTIONS FOR USE**

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

EXAGGERATED VIEW OF THE  
POSITIONING OF THE OUTSIDE  
ECCENTRIC DISK ON THE 0-4 MIL  
RANGE GAGE SHOWING A  
COATING THICKNESS OF 3.2MILS.



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