

## CanNeed-CTG-310 Coating Thickness Gauge



The “CanNeed-CTG-310 Coating Thickness Gauge” provides a computer enhanced method of rapidly assessing lacquer film weight of both internal and external coatings on beverage and food cans, and also tinplate.

The system provides the following benefits to the Can and End manufacturer:

Reduced lacquer consumption - With its exact calibration system bringing improved accuracies, film weight data will be precise, leading to improved control and potentially lower film weight targets.

Greater product quality - Accurate readings also mean that coating or spray equipment will be setup and maintained more closely to the required specifications, improving the quality of, and confidence in, your product.

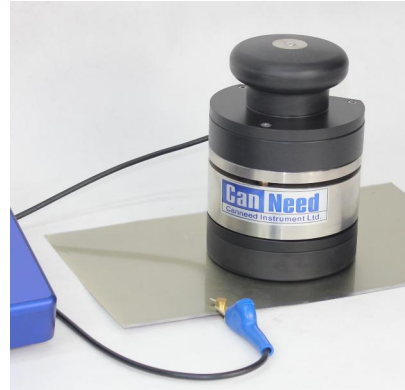
Better operating efficiencies - The Gauge features microprocessor control, digital readouts and data output to the printer and computer. This enables rapid yet accurate operation, reducing unproductive operator time and allowing quicker machine setups.

Lower spoilage - The Gauge's quick operation and ability to be sited out on the production line enable test frequencies to be increased at no additional cost. Problems and trends will be spotted earlier, reducing the quantity of bad product made on the line.

## CanNeed-CTG-310 Principle and Operation Method:



To test 2p or 3p cans



To test big metal sheet



To test small metal sheet



To test end



Special designed clamps

CanNeed-CTG-310 Coating Thickness Gauge is used to test the coating thickness (coating weight per unit area,  $\text{g/m}^2$ ). Can both test coating thickness of can body and plate sheet when configured with different clamps.

Use standard coating plate (sample with known weight,  $\text{g/m}^2$ ) calibration equipment, to test different types of coatings. Test result and coating type number will display on the screen, and data output to PC with RS232.

Standard coating plate is supplied by coating supplier, and used to calibrate the gauge. After calibration, other samples can be tested.

**Technical data:**

Range: 0-99.99 g/m<sup>2</sup>

Resolution: 0.01 g/m<sup>2</sup>

Rear Panel: RS232C

Power Supply: 220V/50Hz



CTG-HP Hover Probe

**Purchase guide:**

**Description of goods:**

CTG-310-M, Coating Thickness Gauge mainframe (include crocodile clip), NOT include clamps, users need to choose relevant clamps.

At least option one of below:

CTG-CS, can body probe, suitable for 2p can, 3p can, end, small metal sheet

CTG-HP, hover probe, suitable for big metal sheet

Spare parts:

CTG-PR, Electrode Colloid, 10pcs/bag

CTG-C, Crocodile Clip, used to connect testing sample and mainframe