



Capacitance Test Set Model 905

GENERAL DESCRIPTION

The Robertshaw Model 905 Test Set is a versatile device for use in testing and calibration of capacitance level equipment. The unit has the capability to:

- a) "Read" unknown capacitance values - up to 3000 Pico-Farads
- b) "Send" a variable capacitance signal - 40 to 1600 Pico-Farads
- c) Measure industry standard 4-20 mA DC signals

APPLICATION

The Robertshaw Model 905 Test Set can be used for calibration of analog capacitance transmitters used on large vessel level measurements without completely emptying or filling the vessel. Only a short product level change is required to measure and calculate the required zero and span capacitance values. The "send" section of the Model 905 can then be used to pre-calibrate the transmitter. This procedure will simplify costly, time consuming calibration procedures.

The Model 905 will measure products with an unknown dielectric value to provide the operator with data for:

- a) Selection of proper sensing probe
- b) Probe installation
- c) Detector/Transmitter to be used

Utilizing the Model 905 provides the capability to completely troubleshoot an existing capacitance installation and isolate any problems.



FEATURES AND BENEFITS

- **Battery powered for convenient field use.**
- **Measures unknown capacitance values.**
- **Generates a capacitance signal for instrument calibration and check out.**
- **Reads standard 4-20 mA DC signals.**

Robertshaw

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