DECIDE 4 ACTION

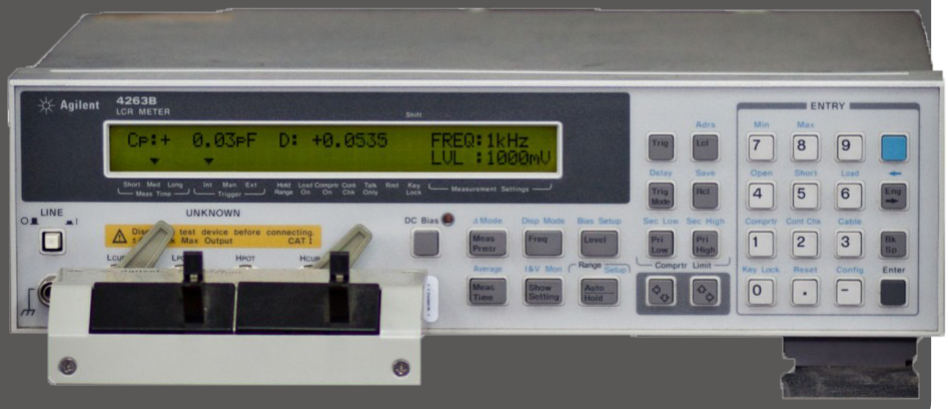
CAPACITANCE NOMINAL PREDICTION SYSTEM

The Capacitance Nominal Prediction System (CNP) is a testing system designed to simplify LCR measurements, improve test data collection and allow predictive decisions to be made based on your historical capacitance data.

In many capacitor manufacturing operations, the initial capacitance of a part will permanently drift in response to various steps of the manufacturing process creating the need to properly predict and control this drift to avoid the final product capacitance from drifting outside the rated part specifications. The CNP is designed to allow the capacitance drift to be recorded and studied so that future lots can be assigned a **Capacitance Nominal** which maximizes end product yield.

The CNP's Test Results Interface allows easy access to saved data and provides tools to automatically make predictive calculations based on past data. Numerous CNP Test stations at various points along the production line allow data to be periodically recorded for future calculations.

The CNP Test Stations are controlled by a PC which extracts machine configuration data from your Test4Action database to allow automatic machine configuration for a specific part's testing regiment. Test results are fed back to your Test4Action database in real time for future archival and data analysis purposes.



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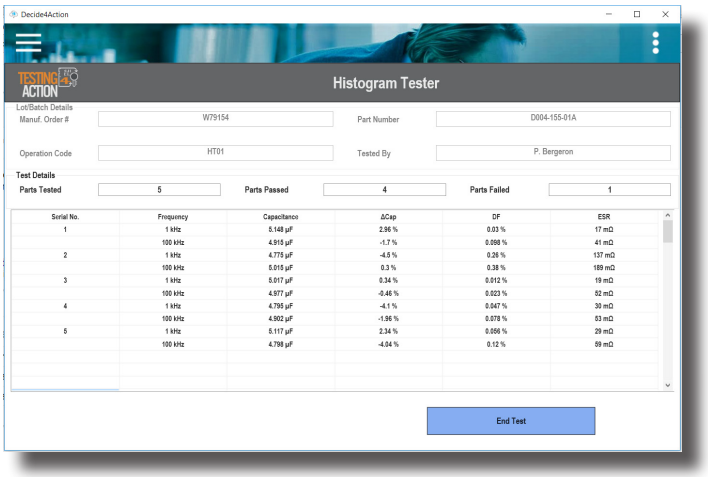
KEY SPECIFICATONS



Parameters	Capacitance Dissipation Factor Equivalent Series Resistance (ESR) Inductance
Capacity	900 Parts / Hour
Interface	GPIB (IEEE 488)
LCR Measurement Frequency	20 Hz – 1 MHz
DC Bias Capability	1.5V – 2V
Testing Specifications	MIL-STD-202

Are you ready to **DECIDE4ACTION**?
Start the conversation today...

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