

## Re: Capacitance Meter or LCR

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On 25 Feb 2005 08:18:20 -0800, "shayan" <shayan\_che@yahoo.com> wrote:

>Hello every one, Can i measure the continuous variation(with frequency  
>above 10 kHz) in the capacitance and dielectric constant of a fine  
>capacitor with capacitance meters or LCR's? Please introduce me a web  
>link for these instruments.

An equally vague answer to your vague question is us a network analyzer with an impedance function if you need to measure impedance over a frequency range. Hewlett Packard (Agilent) makes these. HP4195 and Agilent 4395 come to mind. This will allow you to measure complex impedance from 10 Hz to 500 MHz with the proper fixturing. Although the spec sheet says it will measure impedance above 100 kHz, the analyzer will do impedance measurements below 100 kHz if you use DC coupled fixtures – at least in the HP4195.

<http://www.agilent.com/>

Mark