

LCD Physical properties

Measurement System

RDMS -200



Sesim

Sesim Photonics Technology Co. Ltd.
<http://www.sesimlcd.co.kr>

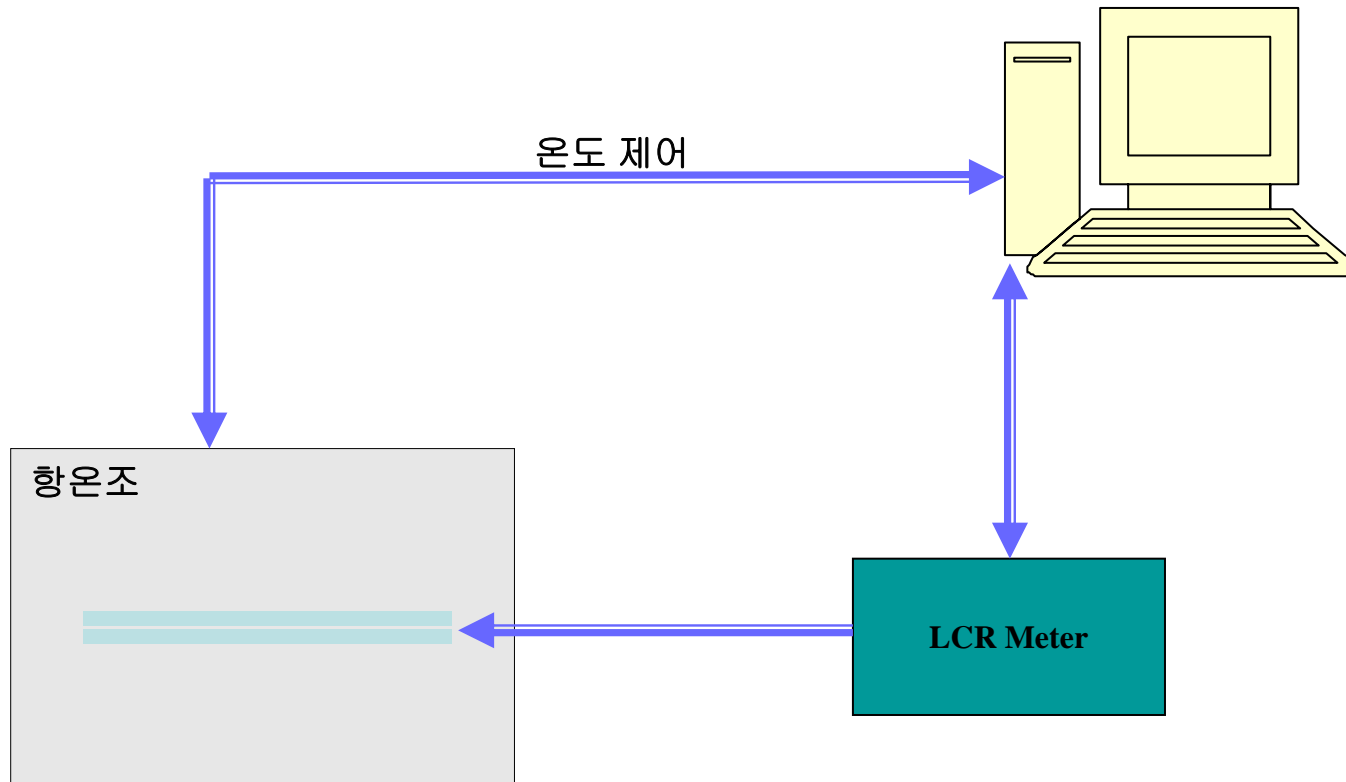
Introduction

세심광전자기술(주)의 RDMS-200은 LCR Meter를 이용하여 LCD Cell의 C-V, VHR, RDC, 온도 특성 등을 측정하는 장비이다.

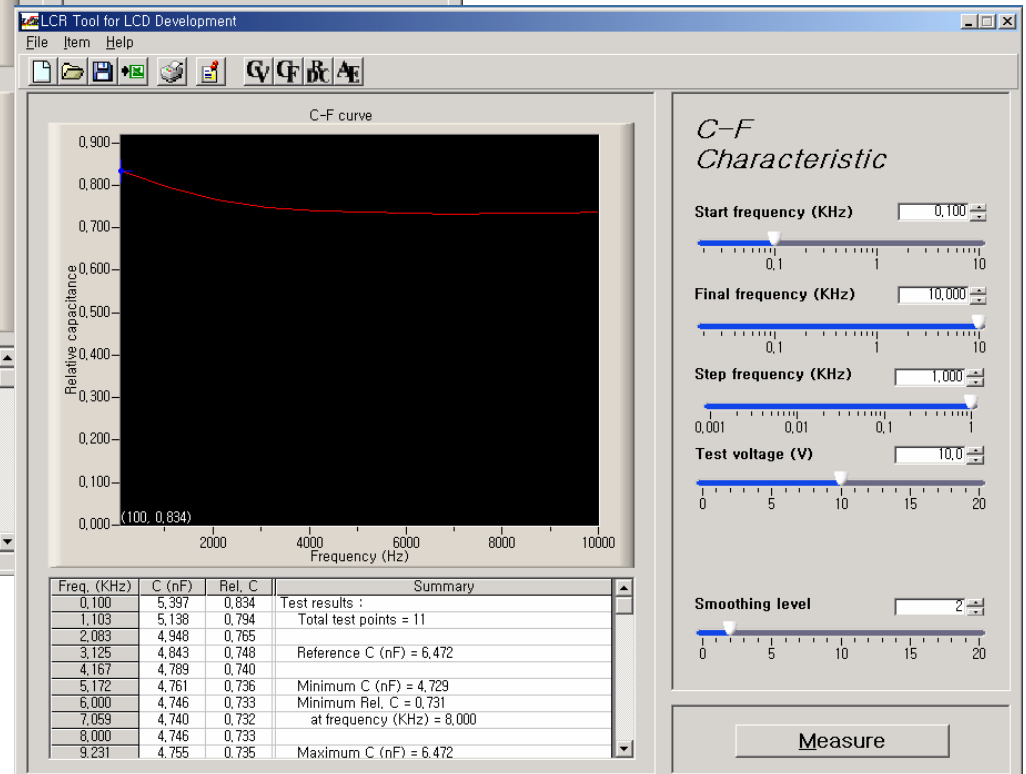
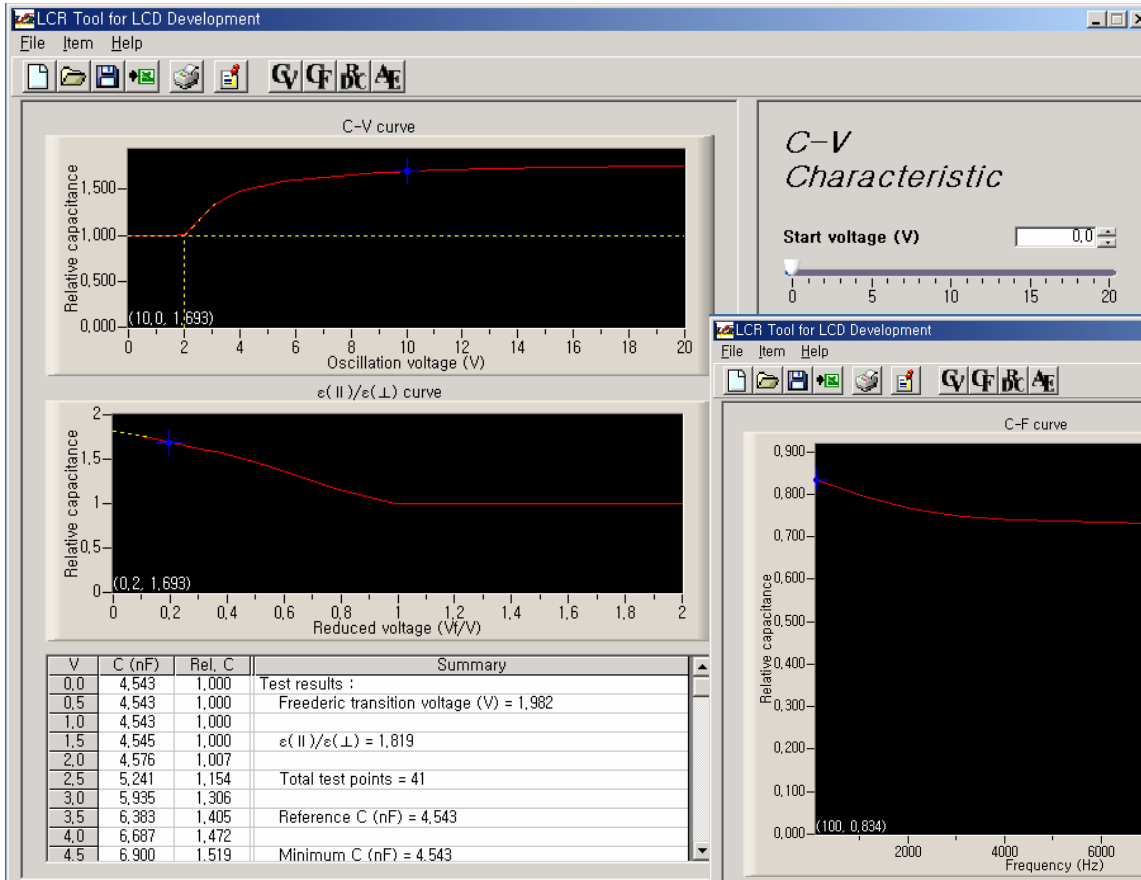
Measurement items

- C-V, C-F characteristic : Freederic transition voltage, LC 유전율비
- Residual DC
- Voltage Holding Ratio
- Polar Anchoring Energy : Extrapolation length
- Average Cell-Gap, LC 비저항, LC N-I point, 시료의 유전상수,
- 기타 : CpRp/CsRs/Z- Θ Curve

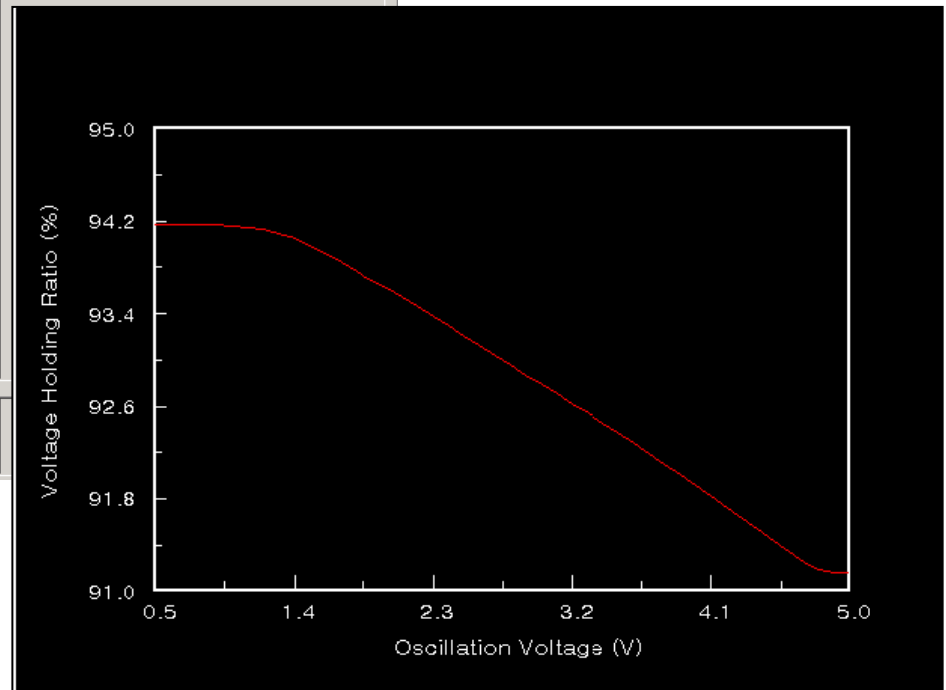
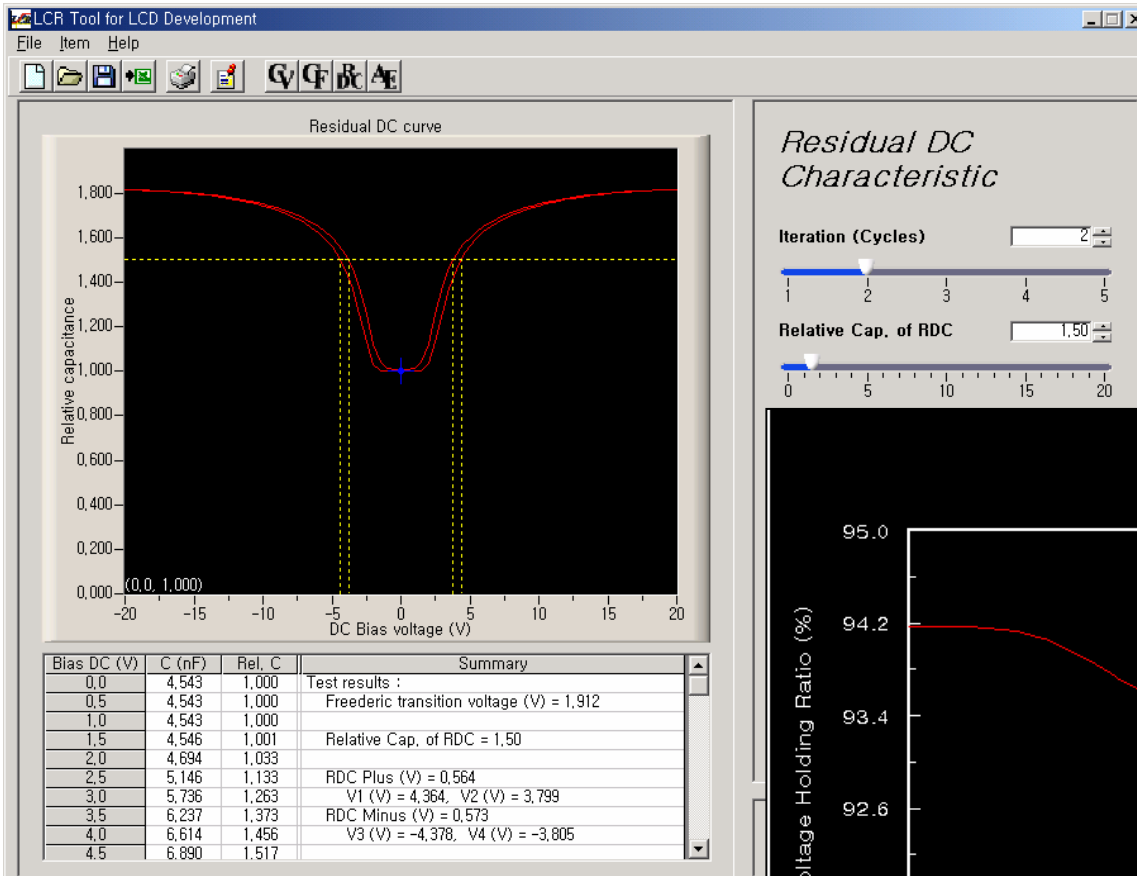
System Block Diagram



Sample 측정 : C-V Curve, C-F Curve



Sample 측정 : RDC, VHR



Sample 측정 : Polar anchoring, Impedance voltage sweep

