

Contact Poling

Piezoelectricity	Equipment	Capability Description	Lab Location
Electrode Preparation	Dimatix DMP 2831 printer equipped with 10pL printheads	- Printable Area * Substrate < 0.5 mm thickness: 210 mm x 315 mm * Substrate 0.5 ~ 25 mm thickness: 210 mm x 260 mm - Commercially available Inkjettable silver inks * Sun chemical Suntronic * Genes'ink Nano silver Ink * Hareus Pedot PSS HC * Agfa Pedot PSS)	R&I Bollate
Contact Poling	Radiant Precision II Ferroelectric Tester with Trek HV Amplifier	- Contact poling voltage: up to 10 kV - Contact poling frequency: DC to 5 kHz, existing experience at DC - Poling temperature: room temperature - Poling chamber electrodes: 1 ~ 8 cm in diameter	R&I Bollate