



Company Name	Science and Engineering Instrument, LLC.
Address	400 Orchard Drive, Louisville, Colorado 80027, USA
President	Akihiro Mochizuki
Tel	+1 (303) 885-5745
FAX	+1 (303) 926-8528
Email	akihiros@i-coretechnology.com
Homepage	http://www.sciengins.com/
Exhibitor Introduction (Within 200 words)	<p>Science and Engineering Instrument (SEI) is a newly established company by several core personnel having rich expertise both in academic and industrial for new functional materials and flat panel display/optical device research and development as well as volume manufacturing. Our expertise includes fundamental materials characterization such as liquid crystal materials' elastic moduli; dielectric properties to liquid crystal device image quality performance, but not limited in liquid crystal materials and devices endorsed both by hardware and software development capabilities. For liquid crystal devices, we have been working for both amplitude and phase modulation devices focusing on fast response properties including flexo-electric and specific smectic liquid crystal devices. Through our rich expertise in various fast response liquid crystal device developments, we will provide our customers indulged measurement result through our new type of characterization instrument. Our instrument has been developed through our own needs exploring both fundamental and practical data acquisition. We will offer our customers unparalleled performance instrument both in terms of flexibility and usability of instrument as well as custom design instrument.</p>

<p>Exhibit Description (Within 200 words)</p>	<p>Exhibit core unit module for electro-optic measurement of flat panel displays. The total system consists of several modules to measure diversity of characteristic properties. The core unit module enables electro-optic profile measurement including optical response times (both amplitude and phase modulation), voltage-transmittance curve, diffraction efficiency, surface pre-tilt angle, transient current profile and practical image sticking measurement, so on. This measurement is carried out under panel temperature control as a real time measurement. Newly developed software enables this real time measurement as well as easy controlled arbitrary wave form formation including voltage, frequency, and duration of drive voltage and so on. In addition to the core unit module, several specific unit modules are connected to the core unit module for specific characteristic measurement. These additional unit modules include surface anchoring energy, panel internal charge, liquid crystal materials' elastic moduli, viscosity, dielectric properties, birefringence analysis, and color evaluation of devices, motion image blur, and so on.</p>
<p>Exhibit Product</p>	<p>Display Characterization and Measurement System LC Lab Pro V1</p>
<p>Company logo</p>	