


Instrument title: ierīces nosaukums:	Closed-cycle cryostat Noslēgta cikla kriostats
Photo: Foto:	
Technical details: Tehniskā specifikācija:	<p>Closed cycle cryogenic system for investigation of electrical and photoelectrical properties in thin solid films.</p> <ul style="list-style-type: none"> • Temperature range 10-350K • Temperature sensors 2 Si diode sensors • Sample holder 50x50mm • A port with 1 electrometric feedthrough for Keithley M617 electrometer for current measurement in range 10^{-15} A - 1mA • A 12 instrumentation feedthrough port • Refrigeration capacity 2.5W at 20K
Application example: Lietošanas piemērs:	<p>Investigation of electrical and photoelectrical properties in thin organic solid films with high resistivity by space charge limited current method and thermally modulated space charge limited current method.</p> <p>The closed-cycle cryostat is available for researchers in nanoscience, semiconductors, organic materials and polymers dealing with electrical and photoelectrical properties.</p>
Responsible: <small>(name, second name, e-mail)</small> Atbildīgais: <small>(vārds, uzvārds, e-pasts)</small>	Dr. Inta Muzikante E-mail: intam@edi.lv, Phone: +371 7260787 Room number 224