



Low-cost Rubbing machine in LCD applications

Inventors: Surajit Dhara, School of Physics, UoH

Rubbing is one of the most crucial processes to anchor liquid crystals on LCD for high visual image production. Therefore, the low-cost rubbing machine for manufacturing LCDs was developed by professor Surajit Dhara, School of Physics, University of Hyderabad and is presently



manufactured and commercialized by Holmarc Opto-Mechatronics Pvt. Ltd. (India). Well-defined microgrooves in the product, are created on the polymer-coated glass plate as it moves along the stage on the track. The rubbing pressure is adjusted by changing the gap between the spindle and the glass plates at different vertical planes. *Read more* (<https://herald.uohyd.ac.in/uoh-professor-develops-low-cost-indigenous-rubbing-machine-for-manufacturing-lcds/>)