LIS

Laboratoire d'ingé
des systèmes de Vers

OPEN ACCESS EQUIPMENTS

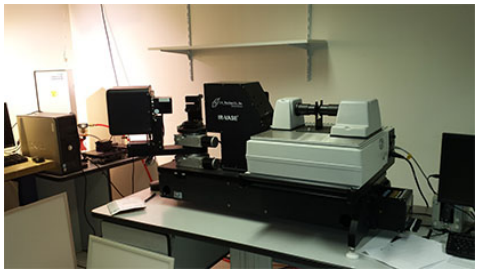
All of the following equipment is accessible to users outside the laboratory.

Six Camera system VICON



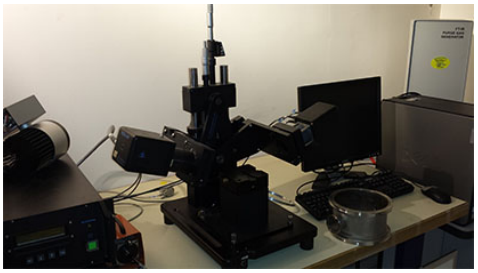
Réf : T10S/6
Specificity: set of six synchronized cameras for 3D motion measurements.
Purchased within the framework of the Equipex Robotex

Infrared ellipsometer



Réf : Woollam
IRVASE Specificity: ellipsometer with a very wide measurement range towards the infra-red

Visible Ellipsometer



Réf : Woollam
WVASE32
Specificity: complementary in wavelength to IRVASE

Zygo interferometer



Ref : ZMI2001 Specificity : excellent performances, reference interferometer in the world of interferometry. Resolution 0.31 nm.

Atomic force microscope (AFM)



Réf : Pacific Nanotechnology

Climatic enclosure ESPEC type ARL-O680



Volume : 680 L
Température : -45 à +180°C
Humidity : 10 à 98% RH

Fatigue machine INSTRON E3000



Capacity 3 kN, Range 60 mm (+/- 30 mm)
Extensometer
Thermic chamber (up to +350°C)
Frequency 0,01 à 100 Hz

Labsphere integrating sphere and spectrometer (CDS610)

Diameter: 500 mm.
Measurement: 2ft and 4ft.
Wavelength: 350nm 1000 nm.
Integration time: 8ms to 30 s.
Total flux of the light source (Lm).
Total luminance of the source (Cd).
Chromatic coordinate (x,y).
Color rendering index CRI.
Color temperature (K).
Emission spectrum of the source..