

FACILITIES & EQUIPMENT

Facilities

The Houston Center for Biomaterials and Biomimetics has 2,200 square feet of laboratory space and uses 1,200 square feet of office and conference space. The research space consists of several laboratories as follows: Mechanical Testing I, Mechanical Testing II, Technology, Artificial Aging, Color and Appearance I, Color and Appearance II, and Indirect Restoration.

Equipment

- Servo-hydraulic mechanical tester
- Knoop, Rockwell and Rockwell Superficial hardness testers
- Impact tester
- Wear tester
- Stiffness tester
- Thermal cycling apparatus
- Measuring microscope
- Steady state spectrofluorometer
- Spectroradiometer
- Benchtop spectrophotometer
- Intra-oral spectrophotometers
- Dental colorimeter
- Image analyzing system
- Color viewing booth
- Macbeth Book of Color
- Accelerated aging chamber
- Gloss meter
- Surface roughness instrument
- Frequency response analyzers
- Tensiometer