

## Mechanical Testing Laboratory

With an area of 50 m<sup>2</sup>, the mechanical testing laboratory has equipment to safely and reliably perform various tests, such as: tensile and compression tests up to 20 tons, bending tests, Brinell hardness tests, Rockwell hardness tests, Vickers hardness tests, impact tests (Charpy), and product tests (tensile, compression).

Equipped with a universal testing machine (EMIC and Instron), computers, mechanical cycling machine, metallographic cutter, ceramic sintering furnace, polisher, light microscope, 3D microscope, precision scale, light chamber and hardness tester. The laboratory equipment is shared with other UPF departments and external institutions and researchers.

### *Research*

Postgraduate Program in Manufacturing Projects and Processes - PPGPPF  
Postgraduate Program in Dentistry - PPGOdonto

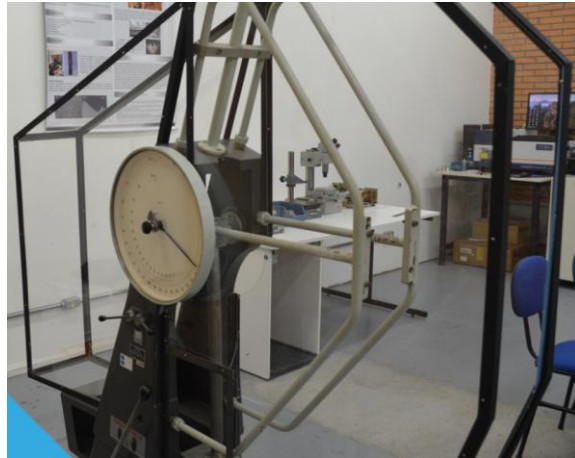
### *Contact*

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Universal testing machine



## Charpy impact test



## Hardness tests



## Spectral chemical composition

