



Scientific Instruments

Peira NeuroVisioScan

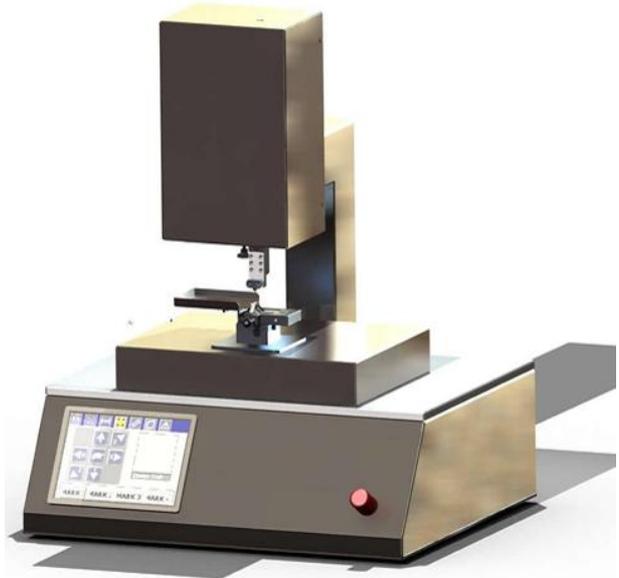
Peira's custom made XYZ robot allows holding a highly advanced optical imaging tool incorporating proprietary fiber optic objective lens technology.

The robot operates with accuracy higher than 10 micron and allows standardizing the image scanning procedure in the lab.

During the in vivo imaging of the peripheral nervous system, the robot allows to scan the same surface area in subsequent periods of time as the machine repositions itself in relation to markers which were brought into the object.

A major benefit is the contact pressure control system that allows for contact scanning of the object with constant pressure thus minimizing deformation of the images taken.

Through this automation of the experiment the repeatability and the consistency of the experiment is greatly enhanced.



TECHNICAL DATA

Dimensions (LxWxH): 514 x 600 x 759 mm

Weight: 65 kg

Power: 850 W

Volts: 220V

Max Travel Speed: 25 mm/sec

CE: The NeuroVisioScan fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.