



DEVICE FOR SIMULATING MASTICATION MOVEMENTS MODEL 5129

DESCRIPTION

Device for carrying out mastication tests and other functions (bruxism). It can be programmed for repeating opening and closing cycles, lateral and protrusive movements in order to study fatigue for materials that are used for making dental prosthesis (fixed, renewable or implant-supported).



TECHNICAL CHARACTERISTICS

- Adjustment of mastication strength by means of digital manometer.
- Adjustment of mastication opening distance.
- Moistening system for models during the test with chance of programming cycles and spraying time of fluid.
- Program for carrying out opening and closing movements.
- Program for carrying out lateral movements.
- Program for carrying out protrusive movements.
- Digital cycles meter.
- Tank for moisturizing fluid (water, serum, saline solution, isotonic drinks, carbonated drinks, etc.).
- Safety protection with automatic stopping system.
- Tactile terminal for programming and control operation.
- Control by automaton.
- Electro-pneumatic operation.
- Easy placing system of models to be tested. Models should be made by user and should be adapted to the machine. User can place prefabricated models (typodont) or customized models.
- Working voltage 220V II+T 50/60 Hz single-phase.