

# Load cell for bite force measurement

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## Technology description

### Introduction

Mastication is one of the most important functions of the stomatal system. The forces that originate in the masticatory system are the result of the interplay of muscle, nerve, bone, and dental functions. In terms of maximum bite force, this is the ability of the mandibular elevator muscle to exert maximum effort on the maxillary teeth under physiological conditions.

### Objective

This provides a significant advantage over the limitations of commercially available angle-light dynamometers, enabling them to measure masticatory force with minimum height and maximum sensitivity and to stabilize masticatory force between teeth.

## Application area

Promote greater reliability within the range of maximum masticatory force, as it minimizes condylar excursion; To achieve tooth stability;

- Applicable to any tooth;
- Access to all patients.

## Institution

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