



In Mouth Cavity Force by Air and Displacement Server Measurement System

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Biomechanics Industry



Features:

- Dynamic Force Sensor
- Force Sensor Response 5 mSec
- Air Force Actuator and Server Controller
- Controller Setup by Plane or Exterior

Applications:

Description:

Analysis of the Force and Impact on Teeth.



In Mouth Cavity Force by Air and Displacement Server Measurement System

Specification:

- Subminiature Dynamic Force Sensor
 - Strain Gage Type
 - Max: 20 Lbs
 - Rise Time: 5 mSec.
 - Linearity < 0.2% F.S.
 - Sensitivity: 2mV/V F.S.
 - Amplifier Linearity 0.1%
- Subminiature Displacement Sensor
 - Type: LVDT
 - Stroke: 5 mm
 - Amplifier Linearity 0.1%
- Electro-Pneumatic Actuator
 - Force: 50 N
 - Response Time: 300 mSec.
 - Stroke: 5mm
- Force Servo Controller
 - Error 0.5% F.S.
 - Manual or External 0 ~ 5V

