



# GSPME

## TENSION MEASURING MACHINE



### Special features

- Runout and tensioning measuring of saw blades and saw bodies
- Solid saw clamping with high precision bearing und repeatable measuring results
- Measuring of inconsistent tension by means of a special deformation cylinder
- Sort set up time for different saw sizes
- Ease machine operation
- Short training time
- Training lessons available how to tension a saw blade
- Compact and solid machine body
- Compact saw blade holder with high precision bearing
- Pneumatic drive of the tensioning roll
- Adjustable dial indicator
- Special tension roll on adjustable slide

### Technical description

- The saw blade is placed manually on the saw blade holder and clamped between 2 flanges
- The dial indicator and the tension roll have to be adjusted to the right diameter
- The saw body is deformed by a certain distance for measuring the tension
- The tension is measured by manual rotation of the saw blade and by reading the dial indicator
- The measured tensioning can be compared by a reference table

### Equipment

- Compact and solid machine body
- Compact saw blade holder with high precision bearing
- Pneumatic drive of the tensioning roll
- Adjustable dial indicator
- Special tension roll on adjustable slide
- Changing parts at the machine frame

### Technical data

- Saw blade diameter: 180 – 900 mm
- Maschine dimensions: (LxWxH) 1200x900x1600 mm

### Options

- Industrial PC with touch screen for parameter input and process display
- Adjustable slide with precision LASER sensor
- Adjustable tension roll

### Special design on request