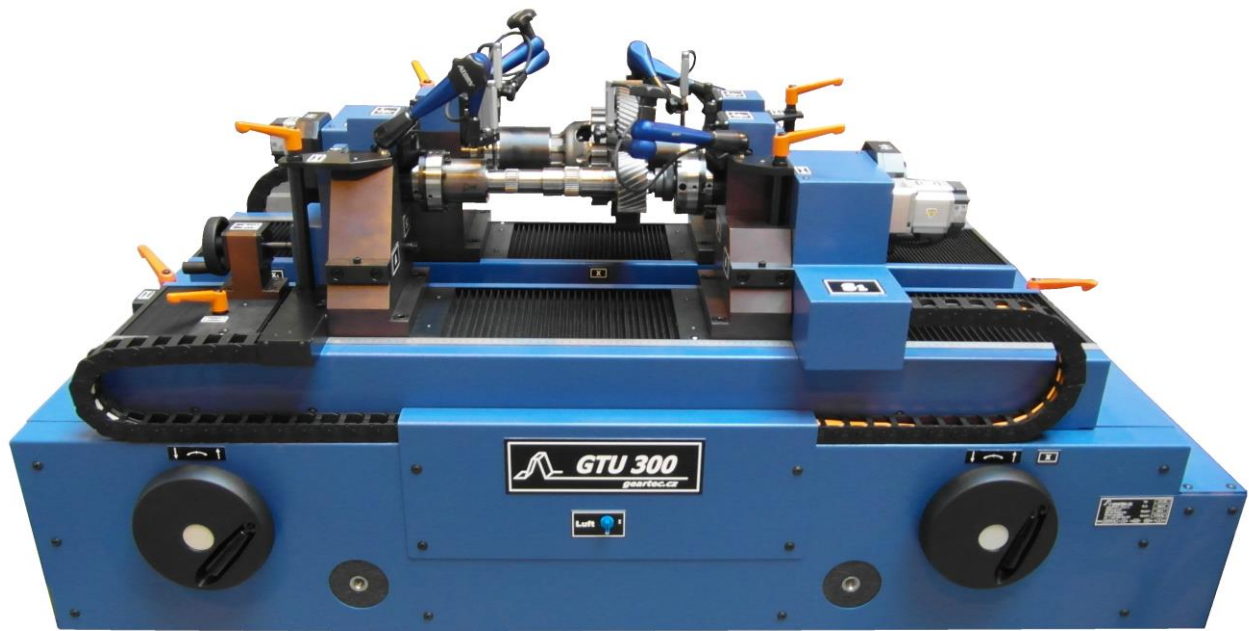


GTU 300



Single-flank gear roll inspection machine for spur/helical gears

Parameters:

- | | |
|---|-------------|
| • Diameter of measured gear, max. | 300 mm |
| • Weight of measured gear, max. | 30 kg |
| • Length of gear (between centers), max | 600 mm |
| • Measuring speed, max. | 10 rpm |
| • Rotation speed, max. | 30 rpm |
| • Axis distance (between centers) | 50 – 600 mm |
| • Axis distance (clamped fleetingly) | 0 – 300 mm |

Evaluation:

- single flank deviations F_i' , f_i' , f_i' , f_k'
- backlash
- roundness, eccentricity
- contact pattern - digital camera
- pitch deviation of gear and pinion
- FFT data analysis, spectrum