

Transverse internal micrometer consists of a longitudinal body with a longitudinal slide, a body angle with a converter, a transverse body with a transverse slide, a measuring unit, an indicator, and a reference sleeve. An extension rod is attached to the longitudinal body, and together they are secured in a reinforcing element with a measuring scale. The reference sleeve has a reference end face and a circular scale. An extension rod and a convergence mechanism are attached to the longitudinal slide. The measuring unit is interchangeable and includes three-point tips and centering devices. A video camera is mounted on the body angle. The indicator has an integrated microcomputer and a touchscreen display.