

# profile projectors – vertical bench top



SM350 GXL

SA-328  
CABINET STAND

## Accessories for SM350 / SM20



ROTARY GLASS STAGE  
SA-245-2



SA-370 BACK STOP



SA-371 SIDE STOP



SA-196-EXT  
DUAL VEE BLOCK AND CENTRES

## SM350 Profile Projector

### Standard features:

- 340mm (14") screen with 90 degree crosslines and chart clips
- Profile illumination with halogen lamp and green filter
- Lens magnification choice: x10, x20, x25, x50, x100
- Surface illumination (fibre optic)
- Helix adjustment of light source  $\pm 7^\circ$  for accurate thread form projection
- SA-373-05 precision workstage with 175 x 75mm measuring range
- Digital angle measurement to 1 minute of arc
- Digital clock function

### Optional features:

- Choice of workstage to suit your requirements (page 31)
- Cabinet stand ensures a solid base and provides storage
- Computer numerical control (CNC) for automated measuring
- Other options include footswitch, joystick control and printer
- Automatic edge sensor
- Work holding accessories

### Measuring Options:

**XLS:** A simple 2 axis digital readout for X and Y measurement

**GXL:** Incorporates geometric functions for skew alignment, angle, radii measurement, pitch circle diameter and construction of intersect points etc.

**GXL-E:** As GXL with screen mounted automatic profile edge sensor.

**Fusion-2:** PC based measuring system produces dimensioned part drawing. Includes geometric tolerancing, SPC, full reporting with pass/fail analysis, auto Excel™ link and auto sequence program.

**Fusion-2E:** As Fusion but supplied with screen mounted automatic edge detector. As an option the sensor can be fitted internally.

**GXL-5205:** PC based measuring system features geometric construction, tolerancing, part sequence program, auto storage or measured features, measure magic and capture scanning mode.