

# profile projectors – vertical floor standing

## SM20 Profile Projector

### Standard features:

- 500mm (20") screen with 90 degree crosslines and chart clips
- Angled screen for easy viewing
- Profile illumination with halogen lamp and green filter
- Single lens mounting
- Lens magnification choice x5, x10, x20, x25, x50, x100
- 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:

- Screen hood and curtains with generous proportions for use in bright ambient light conditions
- Surface illumination through twin fibre optics for bright full colour surface inspection
- 3 position rotary lens turret for easy lens changing
- Large 200 x 100mm precision workstage (see page 31)
- Computer numerical control (CNC) for automated measuring



### GXL-GXL-E

Shopfloor DRO with feature view and full reporting

### 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.