

## Horizontal Profile Projector HST CPJ-3020W



Picture just for reference

### Application:

Horizontal profile projector HST CPJ-3020W is a photoelectric measuring system of high precision and efficiency can inspect all kinds of surface and outline of the complicated work pieces such as cam, template, tread, gear, perform willing cutter and so on. It requires in the checking department and workshop and is widely used in machinery, mould, tool, electricity and light industry.

### II. Feature

- ▶ 300mm diameter screen with digital protractor.
- ▶ 200X100mm precision movement work-stage.

- ▶ Work-stage sway range between 15°.
- ▶ Halogen profile and fiber surface illumination adjustable.
- ▶ Geometric multifunction data processing system upgrade to DRO DC-3000.
- ▶ Built-in Mini-printer.
- ▶ Available 10x,20x,50x,100x objective, over-chart and foot-switch edge detector etc.

| Model                      | HST CPJ-3020W      |            |            |
|----------------------------|--------------------|------------|------------|
| Working Table Size(mm)     | 400*150            |            |            |
| X Stroke(mm)               | 200                |            |            |
| Z Stroke (mm)              | 100                |            |            |
| Y Stroke (mm)              | 75(for focus)      |            |            |
| Turning Range              | ±15°               |            |            |
| Resolution(X-axis, Z-axis) | 0.0005mm           |            |            |
| Accuracy*(μm)              | Ex, z ≤(3.0+L/200) |            |            |
| L*W*H(mm)                  | 1147*556*964       |            |            |
| Unit: (kg)                 | 240                |            |            |
| Screen size(mm)            | Ø330               |            |            |
| Screen rotary range        | 0°~360°            |            |            |
| Rotary angle Resolution    | 1' or 0.01°        |            |            |
| Magnification              | 10X (standard)     | 20X option | 50X option |
| Object View(mm)            | Ø40                | Ø20        | Ø8         |
| Working Distance(mm)       | 103.9              | 95.1       | 65.7       |

DC-3000 multi-function data processing system, displayed in English.

Transmission:24V/150W,cooling by fans. Reflection:21V/150W, illuminated by two fibers ,  
cooling by fans.

110V/220V(AC), 50/60HZ Total power consumption=400W

Edge detector, M2D software and so on

\* All data is tested according to Standard JJF1093-2002

L is measured length (units: mm)

Specifications subject to change without notice

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