

## Enhanced Manual Video Measuring System HST-F Series



### Application:

The Enhanced Type Manual Video Measuring System developed by HST Group .Low cost, easy to use

HST-F Series is the enhanced type manual Video Measuring System developed by HST Group.It has been widely used in machinery, electronics, metalwork, mould, plastic and other industries for precision measurement.

### Technical parameter:

| Model |                       | HST-2010F | HST-3020F | HST-4030F | HST-5040F |
|-------|-----------------------|-----------|-----------|-----------|-----------|
| Table | Metal Table Size (mm) | 404*228   | 500*330   | 606*466   | 706*606   |

|                                                             |                                                                              |             |             |              |               |
|-------------------------------------------------------------|------------------------------------------------------------------------------|-------------|-------------|--------------|---------------|
|                                                             | Glass Table Size (mm)                                                        | 260*160     | 350*280     | 450*350      | 550*450       |
|                                                             | XY Stroke (mm)                                                               | 200*100     | 300*200     | 400*300      | 500*400       |
|                                                             | Weight (kg)                                                                  | 180         | 260         | 315          | 500           |
|                                                             | <b>Dimension (L)*(W)*(H)</b>                                                 | 556*540*860 | 670*660*950 | 720*950*1020 | 800*1040*1020 |
| <b>Measuring Targeting System</b><br>(Standard Accessories) | Camera: TEO™ 1 / 2" Color CCD Camera<br>Zoom Lens: professional optical lens |             |             |              |               |
|                                                             | Magnification of Zoom Lens: 0.7~4.5X      WD:92mm                            |             |             |              |               |
|                                                             | Video Magnification: 20~128X      FOV:7~1.1mm                                |             |             |              |               |
|                                                             | Scale Resolution: 0.5/0.1 μm                                                 |             |             |              |               |
| <b>Z Stroke</b>                                             | 150mm                                                                        |             |             |              |               |
| <b>Accuracy E1*</b>                                         | $Ex, y \leq (3.0+L/200) \mu m$                                               |             |             |              |               |
| <b>Accuracy E2*</b>                                         | $Exy \leq (4.0+L/200) \mu m$                                                 |             |             |              |               |
| <b>Illumination</b>                                         | Surface light and transmission light adopt LED, brightness adjustable        |             |             |              |               |
| <b>Power</b>                                                | 110/220V(AC), 50/60HZ 30W                                                    |             |             |              |               |

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