

Features

Compact in structure, simple and elegant in appearance, economy and good reliability, CPJ-3000/3000Z series digital profile projector is widely used in the field of machinery, electronics, tooling, instrument and timepiece, etc. It can be used efficiently in both direct measuring and comparative measuring, such as measuring of stamping parts, wheel gears, screws, and cutters, etc.



Specifications

| Model | Inverted image | CPJ-3007 | CPJ-3010 | CPJ-3015 | |
|---|--------------------------|--|--------------------|--------------------|----------------|
| | Erect image | CPJ-3007Z | CPJ-3010Z | CPJ-3015Z | |
| Worktable | Metal worktable size(mm) | 260*152 | 306*152 | 340*152 | |
| | Glass worktable size(mm) | 125*100 | 175*100 | 196*96 | |
| | X axis travel(mm) | 75 | 100 | 150 | |
| | Y axis travel(mm) | 50 | 50 | 50 | |
| | Z axis travel(mm) | 90 (Focusing) | 90 (Focusing) | 90 (Focusing) | |
| | Accuracy(μm) | $E_{1XY}=2.5+L/100$ | $E_{1XY}=2.5+L/75$ | $E_{1XY}=2.5+L/50$ | |
| | Resolution(μm) | 0.5 μm | | | |
| | Dimension LxWxH (mm) | 770*550*1100 | 770*550*1100 | 770*550*1100 | |
| Weight (kg) | 120 | 125 | 130 | | |
| Projector screen | Size(mm) | ∅ 312 worktable range > ∅300(crosshairs) | | | |
| | Rotary range | 0~360° | | | |
| | Resolution | 1' or 0.01° | | | |
| Lens | Magnification* | 10X(optional) | 20X(optional) | 50X(optional) | 100X(optional) |
| | Field view(mm) | ∅30 | ∅15 | ∅6 | ∅3 |
| | Working distance(mm) | 77.7 | 44.3 | 38.4 | 25.3 |
| | Max measuring height(mm) | 80 | 80 | 80 | 80 |
| Power supply: 100V-240V(AC) 50/60Hz Total powe:400W | | | | | |

Proposed worktable: Loading capacity ≥250kg Dimension (L*W*H)800*550*650(mm)

Select one of them as standard configuration

Remark: "Rational" brand round worktable is standard configuration for above mentioned profile projectors.

Features

Equipped with foot switch and multifunctional data processing meter, CPJ-3000A/AZ profile projector possesses stable performance. Convenient data output and sample taking function upgrades measuring efficiency.



Specifications

| Model | Inverted image | CPJ-3015A | CPJ-3020A | CPJ-3025A | CPJ-3030A | CPJ-3040A |
|---|--------------------------|---|---------------|---------------|----------------|---------------|
| | Erect image | CPJ-3015AZ | CPJ-3020AZ | CPJ-3025AZ | CPJ-33030AZ | CPJ-3040AZ |
| Worktable | Metal worktable size(mm) | 354*228 | 404*228 | 450*280 | 500*330 | 606*466 |
| | Glass worktable size(mm) | 210*160 | 260*160 | 306*196 | 321*221 | 450*350 |
| | X axis travel(mm) | 150 | 200 | 250 | 295 | 400 |
| | Y axis travel(mm) | 100 | 100 | 150 | 195 | 300 |
| | Z axis travel(mm) | 100(Focusing) | | | | |
| | Accuracy(μm) | $E_{1XY}=2.5+L/100$ | | | | |
| | Resolution(μm) | 0.5 μm | | | | |
| | Dimension LxWxH (mm) | 780*780*1100 | 780*780*1100 | 810*780*1120 | 900*780*1020 | 1040*780*1120 |
| Weight (kg) | 160 | 160 | 180 | 250 | 250 | |
| Projector screen | Size(mm) | ∅312 worktable range > ∅300(crosshairs) | | | | |
| | Rotary range | 0~360° | | | | |
| | Resolution | 1' or 0.01° | | | | |
| Lens | Magnification* | 10X(optional) | 20X(optional) | 50X(optional) | 100X(optional) | |
| | Field view(mm) | ∅30 | ∅15 | ∅6 | ∅3 | |
| | Working distance(mm) | 77.7 | 44.3 | 38.4 | 25.3 | |
| | Max measuring height(mm) | 90 | 90 | 90 | 80 | |
| Power supply: 100V-240V(AC) 50/60Hz Total powe:400W | | | | | | |

Proposed worktable: Loading capacity ≥250kg Dimension (L*W*H)800*550*650(mm)

Select one of them as standard configuration