

PROJECT PLANNING SHEET



Dual axes

| | | |
|----------------------|--------------|-------------------|
| Customer Data | | |
| Company: | Industry: | Filled/Confirmed: |
| Equipment: | Application: | Date: |
| Quantity: | Budget: | |
| Prototype: | Serie: | Prototype: Serie: |

| Dual Axis Structure | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | |

| Dual Axis | | | | | | | | | | | | | | | | |
|---|------------|------------------|--|---------------|---|----|----------|---|----|----------|---|-----|--------------|---|------------------|---|
| <table border="1"> <tr> <th colspan="3">Upper-axis</th> </tr> <tr> <td>Repeatability</td> <td>=</td> <td>um</td> </tr> <tr> <td>Accuracy</td> <td>=</td> <td>um</td> </tr> <tr> <td>Velocity</td> <td>=</td> <td>m/s</td> </tr> <tr> <td>Acceleration</td> <td>=</td> <td>m/s²</td> </tr> </table> | Upper-axis | | | Repeatability | = | um | Accuracy | = | um | Velocity | = | m/s | Acceleration | = | m/s ² | |
| Upper-axis | | | | | | | | | | | | | | | | |
| Repeatability | = | um | | | | | | | | | | | | | | |
| Accuracy | = | um | | | | | | | | | | | | | | |
| Velocity | = | m/s | | | | | | | | | | | | | | |
| Acceleration | = | m/s ² | | | | | | | | | | | | | | |
| <table border="1"> <tr> <th colspan="3">Lower-axis</th> </tr> <tr> <td>Repeatability</td> <td>=</td> <td>um</td> </tr> <tr> <td>Accuracy</td> <td>=</td> <td>um</td> </tr> <tr> <td>Velocity</td> <td>=</td> <td>m/s</td> </tr> <tr> <td>Acceleration</td> <td>=</td> <td>m/s²</td> </tr> </table> | Lower-axis | | | Repeatability | = | um | Accuracy | = | um | Velocity | = | m/s | Acceleration | = | m/s ² | <input type="checkbox"/> Cable chain <input type="checkbox"/> No cable chain |
| Lower-axis | | | | | | | | | | | | | | | | |
| Repeatability | = | um | | | | | | | | | | | | | | |
| Accuracy | = | um | | | | | | | | | | | | | | |
| Velocity | = | m/s | | | | | | | | | | | | | | |
| Acceleration | = | m/s ² | | | | | | | | | | | | | | |

| Accessories | | | |
|-----------------------------------|--------------------------------|----------------------------------|--|
| <input type="checkbox"/> No Cover | <input type="checkbox"/> Cover | <input type="checkbox"/> Others: | |

| Operational Environment Option | | | | |
|--------------------------------|----------------------------------|---|-------------------------------------|---------------------------------|
| | <input type="checkbox"/> General | <input type="checkbox"/> Temperature Difference | <input type="checkbox"/> Clean room | <input type="checkbox"/> Vacuum |
| Options | 23°C ±1°C | 23°C ±10°C | Class 1.000 @ 25°C±1°C | 10 ⁻³ PA |

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| Input Voltage | | | | | | | | | |
|---------------|--------------------------|------|--------------------------|------|--------------------------|------|--------------------------|--------|--|
| Options | <input type="checkbox"/> | 110V | <input type="checkbox"/> | 230V | <input type="checkbox"/> | 400V | <input type="checkbox"/> | Other: | |

| Special Requirements or Structure |
|-----------------------------------|
| |

| Cycle (traveling distance, acceleration times, break times) | |
|---|--|
| e.g.: 100 mm in 0.5 s; stop for 1 s; 500mm back in 0.5 s; stop for 2 s; ... | |
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |

| Advanced Accuracy Requirements (If required but not defined, please fill "HIWIN Design") | | | | | | |
|--|------------|------------|---------------|-------------|-------|-------|
| | Upper Axis | Lower Axis | Vertical Axis | Rotary Axis | Other | Other |
| Note: For application of laser, optical inspection, exposure ...etc industry, please fill the geometric accuracy information as below: | | | | | | |
| Vertical Straightness (um) | | | | | | |
| Horizontal Straightness (um) | | | | | | |
| Pitch (arc sec) | | | | | | |
| Yaw (arc sec) | | | | | | |
| Servo jitter (um) | | | | | | |

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| Additional features | |
|--|--|
| Number of cycle/h | |
| Additional load (N) | N |
| Drive included? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Existing drive, type | |
| Existing control system, type | |
| Required interface | |
| Required interface position measuring system | |
| Delivery of energy chain? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Centre of gravity | (Sketch centre of gravity) |