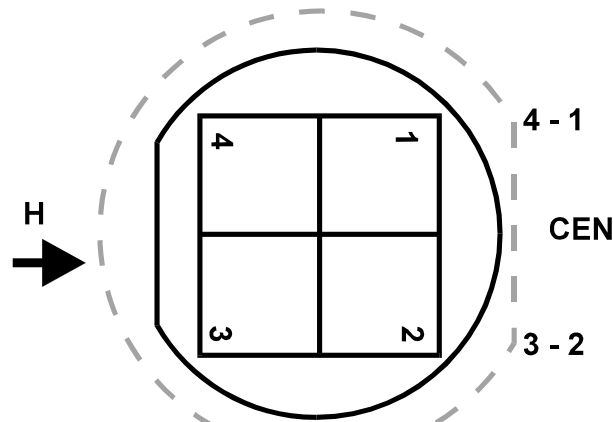


SERVICE CONSORTIUM, INC.

FOCUS DATA SHEET (Horizontal Tilt)

Sheet No _____ of _____
 System No. _____
 Location _____

| | | | |
|--|----------|--|----------|
| System S/N _____ | | Mask: 1 - 4 to the top of the machine. Wafer: (100mm/125mm) Flat to left of the microscope stage (150m) Flat to right of the microscope stage Lines: 1.5 μm <input type="checkbox"/> 2.0 μm <input type="checkbox"/> 3.0 μm <input type="checkbox"/> | |
| Chuck S/N _____ | | | |
| Date _____ | | | |
| Time _____ | | | |
| Mask S/N _____ | | | |
| Inlet Air Temp _____ | | | |
| Reader _____ | | | |
| Flat <input type="checkbox"/> Wedge <input type="checkbox"/> | | | |
| Exposure/Apt _____ | | | |
| Opcode 11 | | | |
| Parameter | S | H | V |
| Current | | | |
| New | | | |



Opcode 11
second parameter adjustment

Correction Factor - C.F. (example)

$C.F. = \frac{12 \mu\text{m}}{5\text{cm}} = A \frac{\mu\text{m}}{\text{cm}} = -2.4$

ASTIGMATISM

For each micron of astigmatism:

Kamen Guage
 Move LZ pos 17 microns
 Move RZ neg 17 microns

-003 System
 Rotate Mic 1 cw 7.5
 Rotate Mic 3 ccw 7.5

For each micron of astigmatism:

Kamen Guage
 Move LZ neg 17 microns
 Move RZ pos 17 microns

-003 System
 Rotate Mic 1 ccw 7.5
 Rotate Mic 3 cw 7.5

| | | Outside Focus (away from gauge head) <input type="checkbox"/> | | | | | | | | | | | | | | | | | Inside Focus (towards gauge head) <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |
|-----|-----|---|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|--|--|
| 4-1 | → H | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | |
| | ↑ V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | → H | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | |
| | ↑ V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3-2 | → H | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | | |
| | ↑ V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |