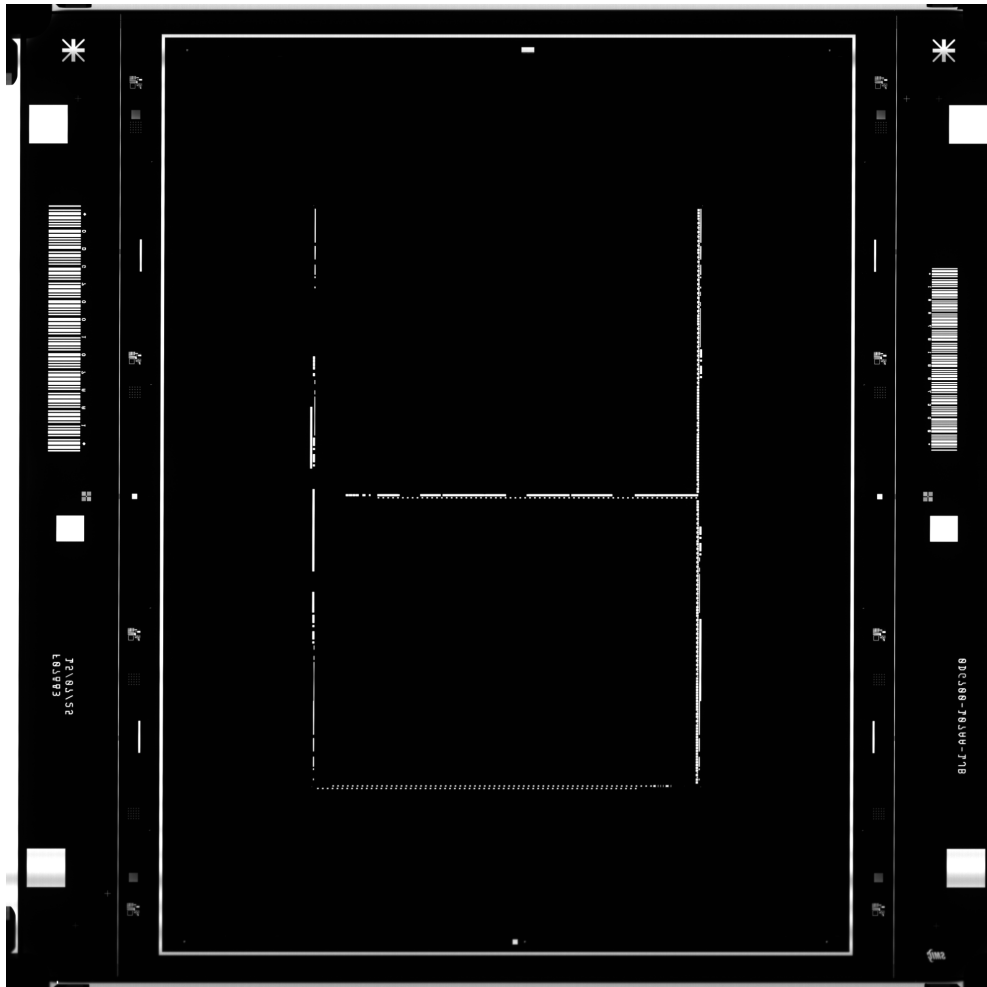


# Storm 3000 Inspection Report

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## Base

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**Machine Name:** DESKTOP-AA18S5A

**STORM FMID:** 0DG700-107AA-1JB-57442801-P200-0-2-20250716065555

**Bar Code:** 0DG700107AA1

**Inspect Date:** 2025-07-16 06:56:23

**Inspect Duration:** 0:16:12

**Recipe Name:** rcp\_DB\_1

**lotNo:** HD-1

## DataPrepare

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**JOBName:** 0DG700-107AA-1JB-57442801-P200

**DB FilePath:** X:\574428.oas

**Col Row:** [898,597]

**Area(GDS):** [-31674643,46365419],[31345605,-46874930]

**Size(mm):** [63.020248,93.240349]

## Inspect Area

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**Start(X,Y):** 47.2619,29.8124

**End(X,Y):** -45.9781,-33.2078

## Base Line

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**Mark Size:** [200,200]

**Stage Positon(X,Y,Z):** -66.1053,65.1382,-0.0085

**Reference Position(X,Y):** -67,000,000.0000,-67,000,000.0000

## Alignment

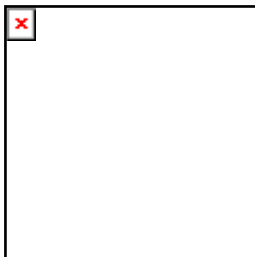
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**Mark Size:** [200,200]

**Accept Score:** 0.7000

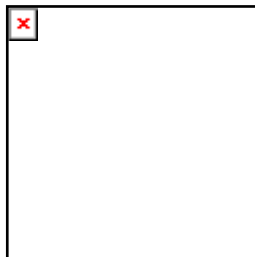
**Rotate Angle:** -0.0242

Fine1



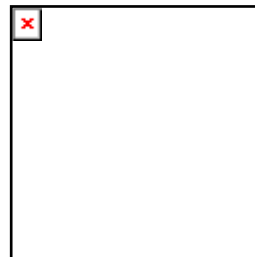
(24X(0.25)),  
(62.8621,65.0698,-0.0116)

Fine2



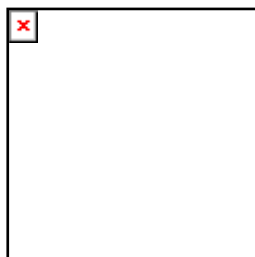
(24X(0.25)),  
(-66.1393,65.1198,-0.0099)

Fine3



(24X(0.25)),  
(-66.1883,-68.8802,-0.0059)

Ref



(24X(0.25)),  
(-66.1393,65.1198,-0.0099)

## Inspect Param

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**Light Source:** Transmission  
**Lens:** 24X(0.25)  
**Power(%):** 19  
**Inspect Speed:** 18  
**Paddle Rotation Angle:** 0  
**Algorithm Type:** ST002  
**Dark Area Grayscale:** 7  
**Bright Area Grayscale:** 220  
**X Difference( $\mu\text{m}$ ):** -0.056 $\mu\text{m}$   
**Y Difference( $\mu\text{m}$ ):** -0.056 $\mu\text{m}$   
**Inner Round:** 0.3 $\mu\text{m}$   
**OuterRound:** 0.3 $\mu\text{m}$   
**Transmission Stage:** 128  
**Registration Mode:** Accurate

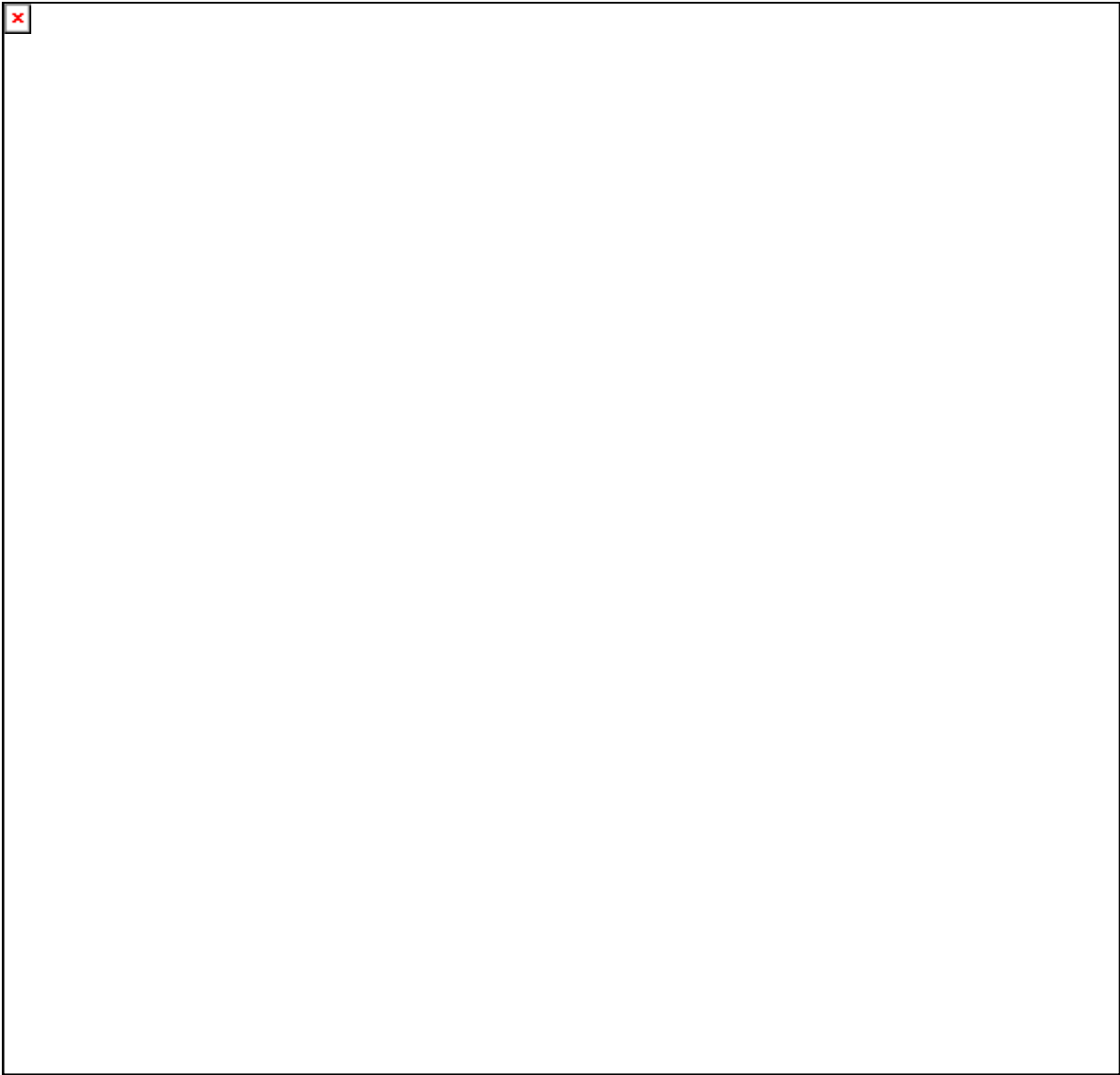
## Algorithm Param

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**CD Defect:** Resolution Unilateral: 0.2 $\mu\text{m}$ ,  
Bilateral: 0.2 $\mu\text{m}$   
**Island Defect:** Resolution: 0.2 $\mu\text{m}$ , Sensitivity(%): 15  
**Pinhole Defect:** Resolution: 0.2 $\mu\text{m}$ , Sensitivity(%): 7  
**Edge1 Defect:** Edge1DefectLevel: Height  
**Corner Defect:** Middle  
**DefectCombine:** True  
**CNT Defect:** -  
**CSH Defect:** -  
**CSV Defect:** -  
**Gray Defect:** GrayLevel: Middle  
**Edge2 Defect:** Edge2DefectLevel: Height

Defect

|   |  |
|---|--|
|  |  |
|---|--|



defect classification summary

| No. | A | B | C     | D |
|-----|---|---|-------|---|
| 1   | 0 | 0 | 0     | 0 |
| 2   | 0 | 0 | 1     | 0 |
| 3   | 0 | 0 | 0     | 0 |
| 4   | 0 | 0 | 0     | 0 |
|     | 0 | 0 | 1     | 0 |
|     |   |   | Total | 1 |

Defect List

| Defect Id | X Relative Postion (μm) | Y Relative Postion (μm) | Defect Type | Size(um^2) | Classification |
|-----------|-------------------------|-------------------------|-------------|------------|----------------|
| 1         | #Error                  | #Error                  | CD          | 3.40*4.40  | 2C             |