

CERTIFICATION OF ACCURACY

Max Levy Autograph, Inc.

MTF Target 20X to 100X

PN:DA030

This is to certify the pattern size and position accuracy. The measurements recorded have a tolerance, over the full scale length of the Linear Scale, (68.2mm) of +/- 1.0 micron. Based on the measurement of the Linear Scale, all the other features on the target have an overall envelope maximum stated error tolerance of +/- .25 microns from their nominal value. For a complete analysis of the variables associated with the manufacture of the MFT Target please refer to the specification section of the manual and the spread sheets included on the CD provided with the MFT Target. The measuring microscope used to measure each Target is traceable to MLA Glass Scale NIST Test Number is 821/262115-99. The procedures used are in compliance with MIL-STD-45662A.

Concentric Circle

3.0mm Outside Diameter
2.0mm Outside Diameter
1.5mm Outside Diameter
1.5mm Outside Diameter
1.0mm Outside Diameter
1.0mm Outside Diameter

Increments

0.250mm
0.100mm
0.100mm
0.100mm
0.050mm
0.050mm

Line Width

0.0100mm
0.0075mm
0.0050mm
0.0025mm
0.0050mm
0.0025mm

Square Grid

3.0mm Square Grid
3.0mm Square Grid
3.0mm Square Grid
3.0mm Square Grid
3.0mm Square Grid
3.0mm Square Grid
2.55mm Square Grid
2.55mm Square Grid
2.55mm Square Grid
2.55mm Square Grid

Spacing

0.250mm
0.250mm
0.250mm
0.100mm
0.100mm
0.100mm
0.075mm
0.075mm
0.050mm
0.050mm

Line Width

0.0100mm
0.0075mm
0.0050mm
0.0100mm
0.0075mm
0.0050mm
0.0100mm
0.0050mm
0.0050mm
0.0025mm

Measurement Scale

0- 68.200mm

Actual Measurement Range

68.200mm +/- .001mm

Inspected by: _____

Date: _____