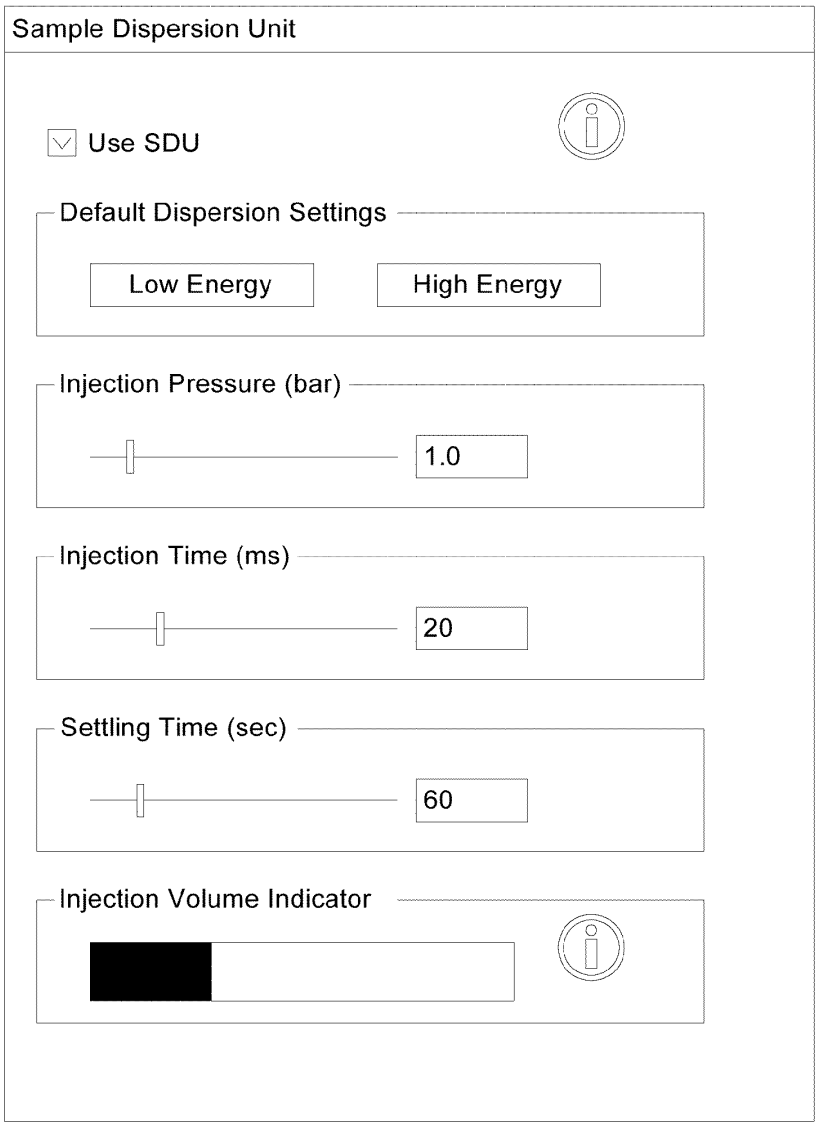
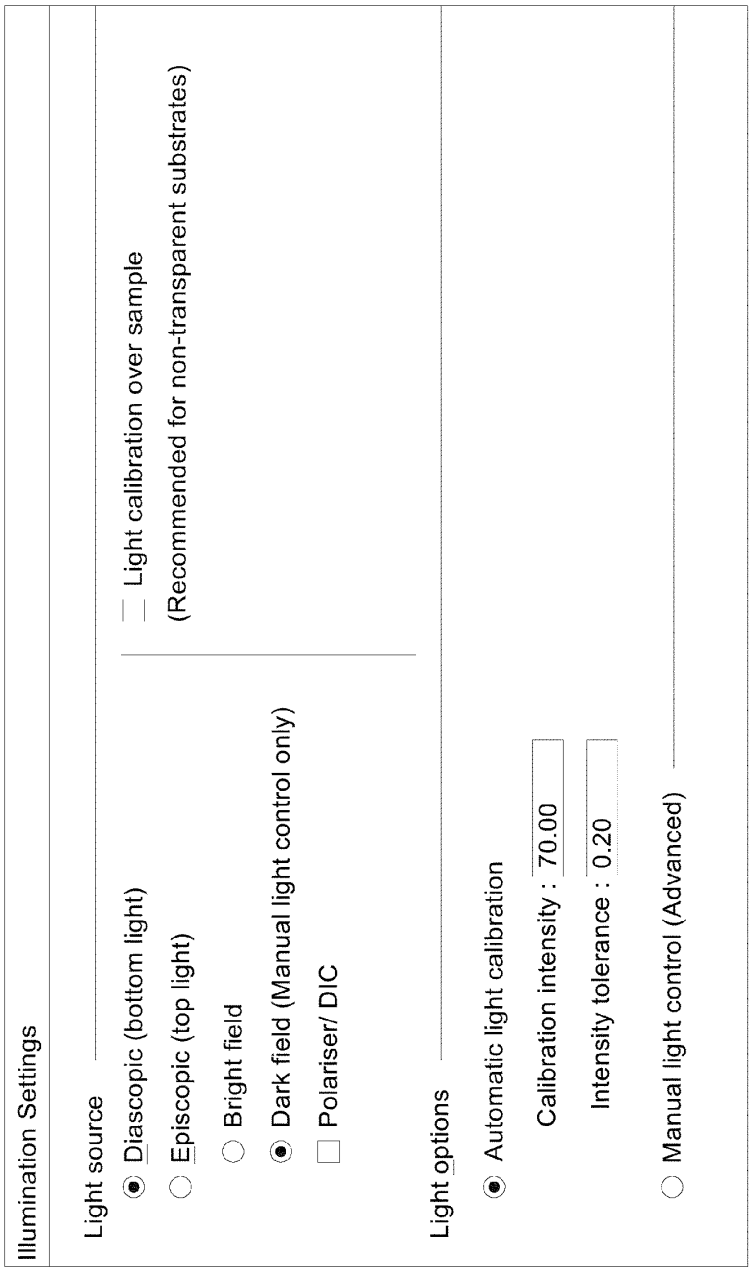
WO 2025/198382 PCT/KR2025/095022

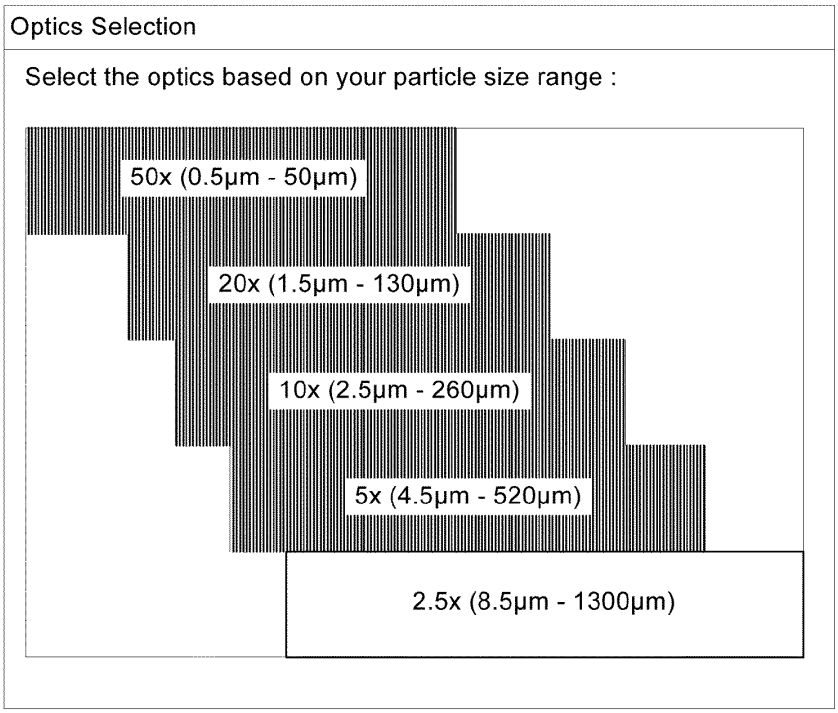
[도1]



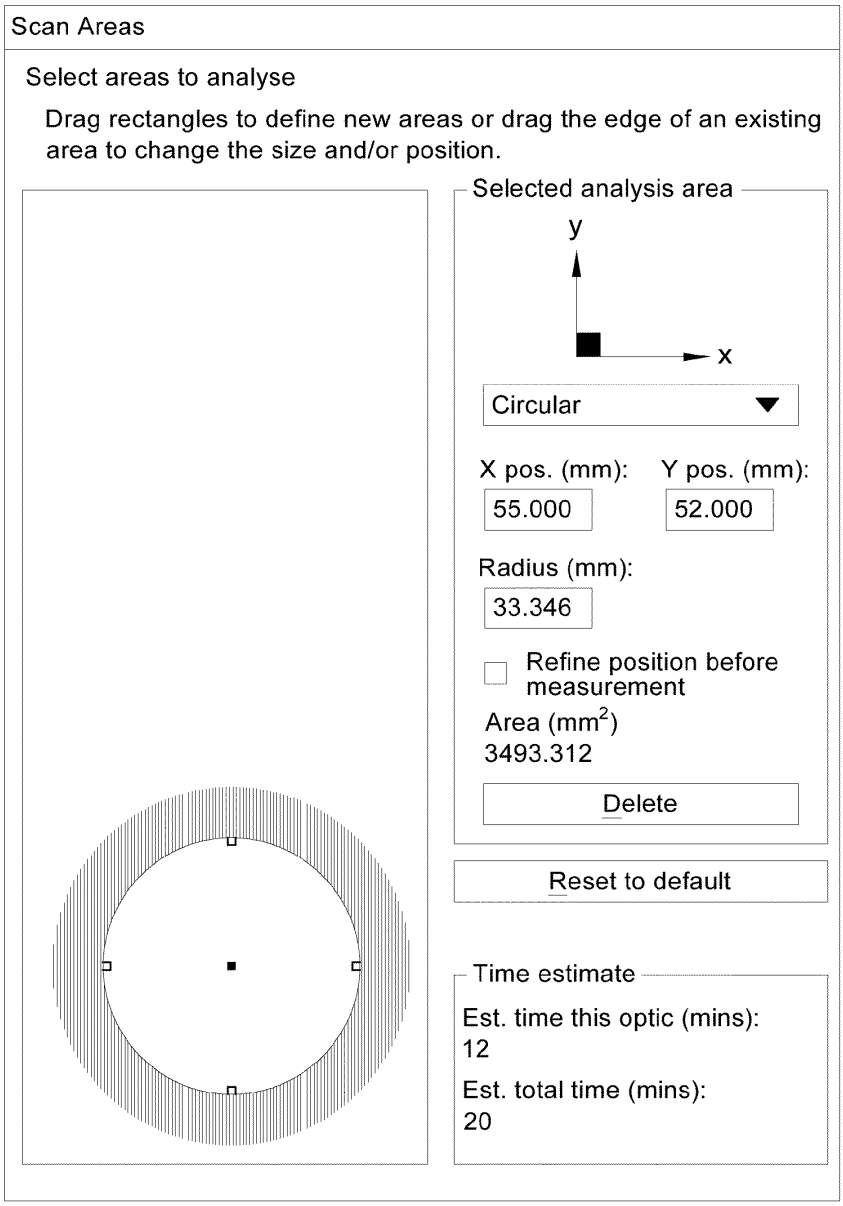
[도2]


Illumination Settings
Light source
Diascopic (bottom light)
Episcopic (top light)
Bright field
Dark field (Manual light control only)
Polariser/ DIC
Light calibration over sample
(Recommended for non-transparent substrates)
Light options
Automatic light calibration
Calibration intensity : 70.00
Intensity tolerance : 0.20
Manual light control (Advanced)

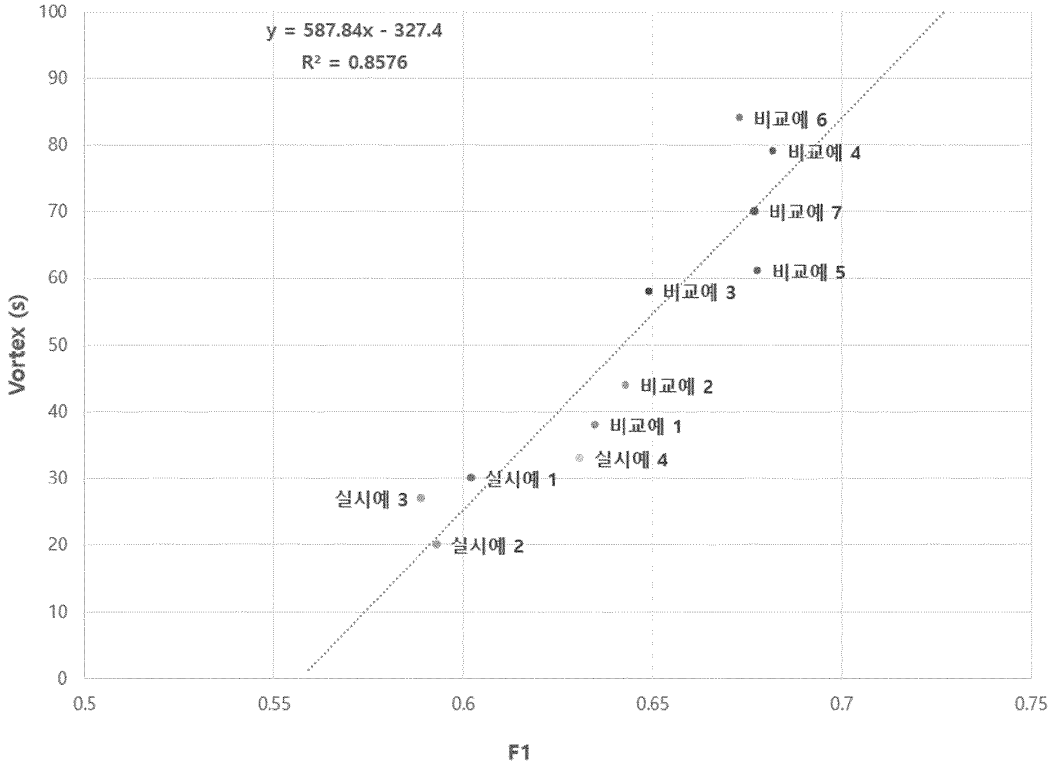
[도3]


Optics Selection
Select the optics based on your particle size range :
50x (0.5μm - 50μm)
20x (1.5μm - 130μm)
10x (2.5μm - 260μm)
5x (4.5μm - 520μm)
2.5x (8.5μm - 1300μm)

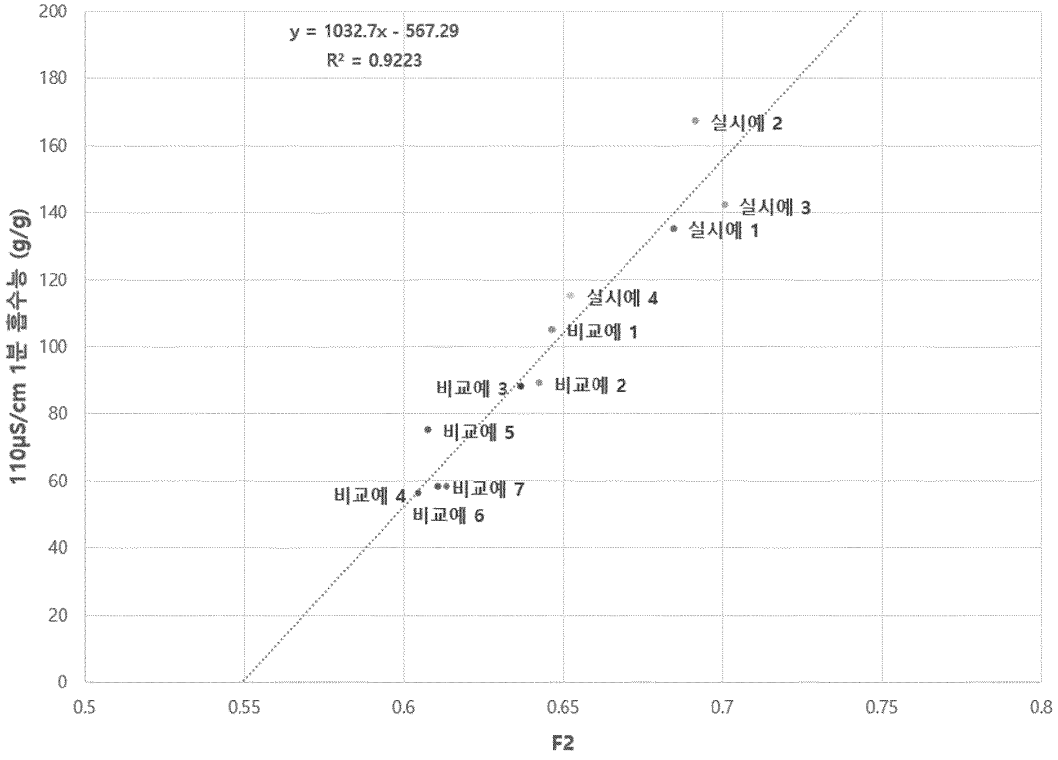
[도4]


Scan Areas
Select areas to analyse
Drag rectangles to define new areas or drag the edge of an existing area to change the size and/or position.
Selected analysis area
y
x
Circular
X pos. (mm):
55.000
Y pos. (mm):
52.000
Radius (mm):
33.346
Refine position before measurement
Area (mm2)
3493.312
Delete
Reset to default
Time estimate
Est. time this optic (mins):
12
Est. total time (mins):
20

[도5]


y = 587.84x - 327.4
R² = 0.8576
Vortex (s)
F1
비교예 6
비교예 4
비교예 7
비교예 5
비교예 3
비교예 2
비교예 1
실시예 4
실시예 1
실시예 3
실시예 2

[도6]


y = 1032.7x - 567.29
R² = 0.9223
110μS/cm 1분 흡수능 (g/g)
F2
실시예 2
실시예 3
실시예 1
실시예 4
비교예 1
비교예 3
비교예 2
비교예 5
비교예 4
비교예 7
비교예 6