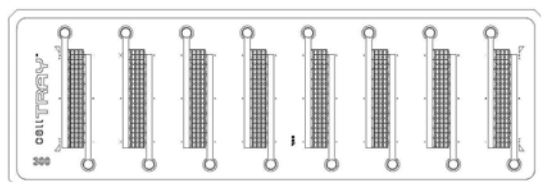


200 µm cellTRAY Slide Properties	
Size:	1 " x 3" x 2mm
Material:	Borosilicate Glass
Cell Lifetimes:	2 – 6 Hours ⁱ
Total Wells:	1104
Well Depth	20 µm
# Regions	8
# Wells / Region	138
Well Volume	797 pL
Channel Volume	652 nL
Total Region Volume	762 nL
Total Volume	6.09 µL



300 µm cellTRAY Slide Properties	
Size:	1 " x 3" x 2mm
Material:	Borosilicate Glass
Cell Lifetimes:	2 – 6 Hours
Total Wells:	640
Well Depth	20 µm
# Regions	8
# Wells / Region	80
Well Volume	1793 pL
Channel Volume	630 nL
Total Region Volume	733 nL
Total Volume	6.18 µL

cellTRAY Imaging System CT-1000 Bright Field Solution

- cellTRAY slide – 3 units
- cellTRAY Manager Software
- Loading Gaskets – 3 units
- Bright Field Camera
- USB Connection Cable

Imaging System Parameters Bright Field Applications

Sensor type	1.4 Mega pixel CCD
Effective Pixels	1392 x 1040
Dynamic Range	> 66 dB
Read Noise	12 e- rms
Digital Output	8 & 12 bit
Interface	USB 2.0

Microscope Pre-Requisites

- Inverted or Upright (10x or 4x objective)
- Available camera port
- Appropriate C-Mount adapter (1/2" format)
- Prior Scanning Stage (OptiScan or Proscan)

cellTRAY Manager Software Computer Requirements

- Pentium 4, 1.3GHz or higher
- 512MB RAM (1GB recommended)
- 40GB hard drive free space (minimum), 100 GB (recommended)
- Available USB 2.0 port
- Available Serial port
- Windows XP Service Pack 2

ⁱ In a controlled environment using the gaskets to contain feeding media and protect the cells from evaporation.