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Colony-100 Specifications

Camera:

CCD Camera (m pixels)	3.1 (2048 x 1536)
Color	Yes
Sensor	1/2"
Bit Depth	8 bit (256 levels in each of 3 colors)
Cooling	No
Power	100-240V, 50-60 Hz

Lens:

Fixed	6-8mm
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Imaging Station:

Colony Plates (cm)	Up to 9cm dia.
Dimensions (cm)	17 W x 35 H x 18 D
Light Sources	White transillumination White or Blue LED Epi-illumination

ACS 5000 and ACS 6000 Specifications

Light Source:

Wavelength	400-750 nm
Color	User-selected Gray, Red, Green, or Blue
Mode	Transmissive and Reflective
Absorbance Range	0-4.0 OD (transmissive), 0-2.0 RD (reflective)
Bit Depth	16 bit (65536 gray levels)
Power	100-240V, 50-60 Hz

Scan Area:

Spatial Resolution	User-selected 100, 150, 300, or 600 dpi
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ACS 5000 (A4)

Sample Area (cm)	26 x 19 (transmissive) 30 x 20 (reflective)
Dimensions (cm)	30 W x 16 H x 50 D

ACS 6000 (A3)

Sample Area (cm)	26 x 19 (transmissive) 30 x 20 (reflective)
Dimensions (cm)	30 W x 16 H x 50 D