

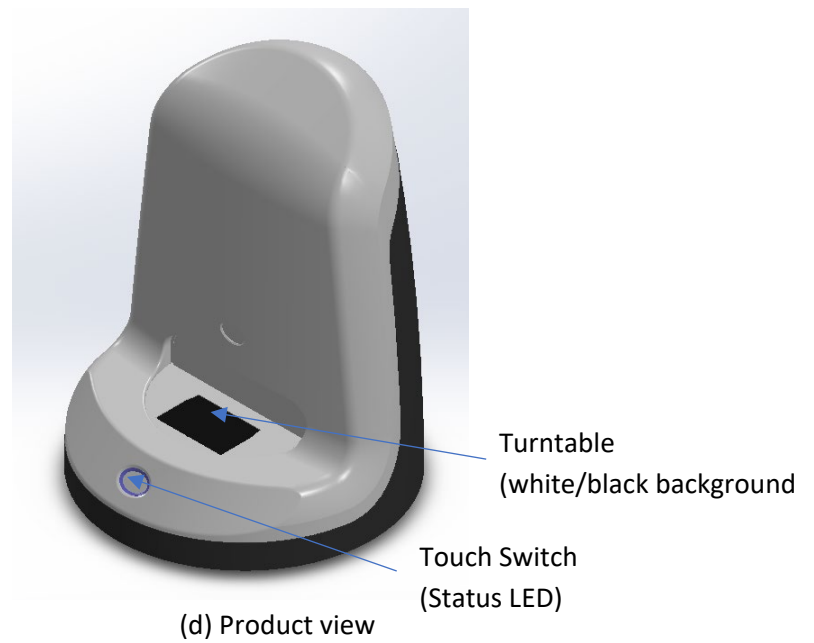
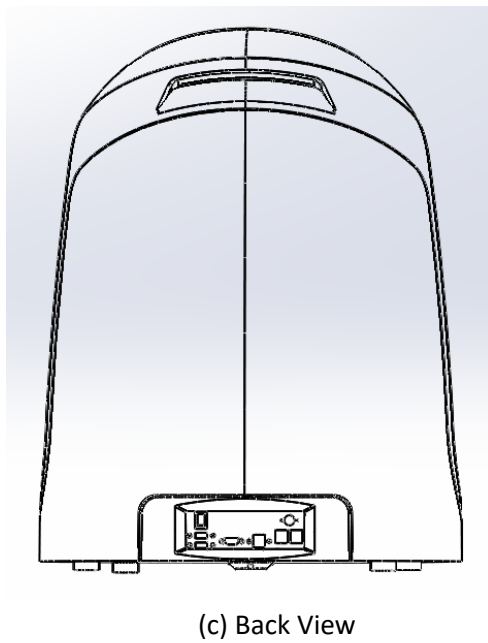
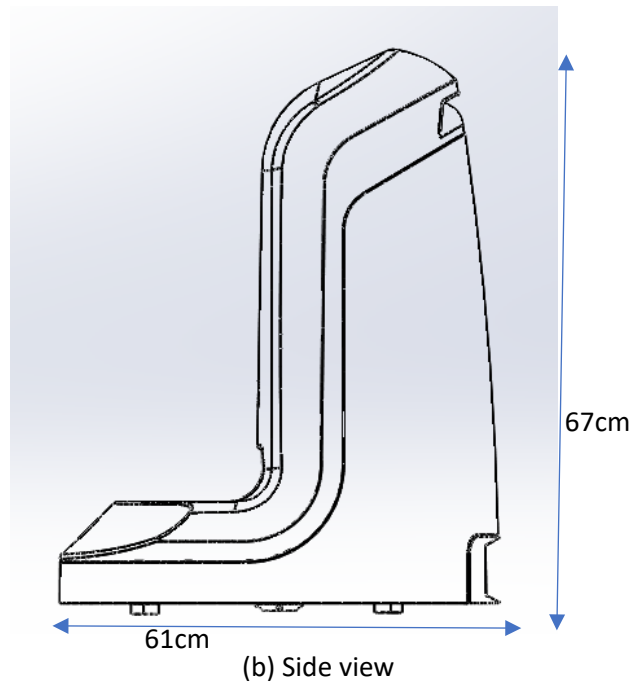
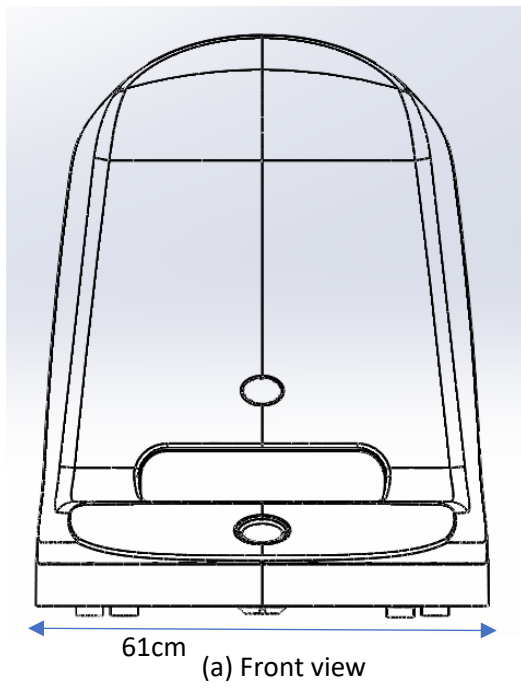
PRODUCT TECHNICAL DATA SHEET

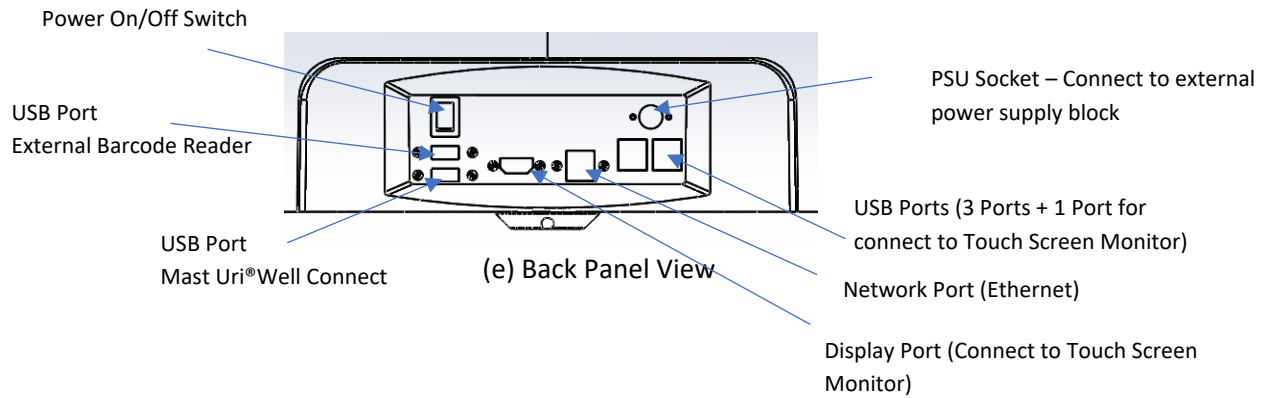
MAST URI[®]PLUS CONNECT

External Power Supply					
Mains Input:	100Vac – 240Vac, 50Hz – 60Hz, 4.0A				
Output:	20Vdc 11A 220W				
Power On Mode:	Rear Panel Rocker switch to connect/disconnect the 20Vdc supply. Power On by holding the touch button for 2 seconds (with rocker switch on)				
Standby Mode	Shutting-down the internal PC places the unit in standby mode after approximately 1 minute, indicated by the dim red illumination of the touch button.				
Power Consumption:					
Operation State	Voltage (V)	Current (mA)	Power (VA)	BTU/h	kJ/h
Idle – Standby	240V	92mA	22W	75.07	80.96
Idle – On	240V	380mA	91.2W	311.19	335.71
Continuous	240V	490mA	117.6W	401.27	124.07
Stationary	240V	511mA	122.6W	418.33	441.36
Operating Temperature Range:	15° - 35°C				
Motor:	Stepper Motor				
Turntable:	Rotatory turntable with removable black and white background for loading MAST URI®PLATES				
Camera	18MP High resolution USB camera for image analysis				
Illumination LED	Digitally intensity controllable white LED				
Weight	21kg				
Embedded Desktop PC					
PC	Intel based I5 Dell PC with dimensions: Width: 36 mm Depth: 178 mm Height: 183 mm				
Windows 10 Pro	Windows 10 64 bits Professional				
PC Features	16GB memory, RAID-1 1TB Hard drive.				
Display Monitor	24” Capacitive Touch Monitor with display resolution 1920 x 1080 (Full HD) and DP connectivity				
Keyboard and Mouse Input	USB connected Keyboard and Mouse Front panel touch switch with RGB status LED.				
2D Barcode Reader (External)	External barcode reader to read the barcode information on the label of the sample and agar plate.				
2D Barcode Reader (Internal)	Internal barcode reader to read the barcode information on the agar plate label.				



Product Dimension

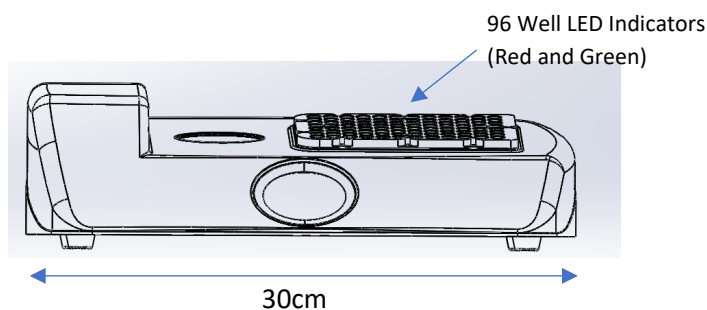




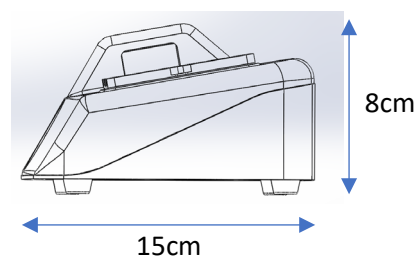
MAST URI®WELL CONNECT

Power Input:	Powered by USB connection to PC				
Power Consumption:					
Operation State	Voltage (V)	Current (mA)	Power (VA)	BTU/h	J/h
Idle/Standby	5V	140mA	0.7W	2.39	2.52
In Operation (Average)	5V	155mA	0.78W	2.66	2.81
In Operation (Maximum)	5V	245mA	1.23W	4.2	4.43
Operating Temperature Range:	15° - 35°C				
Sensor:	Liquid Presence detection sensor per well				
Illumination LED	Red and Green LED per well				
Status Indicator	Front panel RGB status LED.				
2D Barcode Reader (Internal)	Built-in barcode reader to read the barcode information on the label of Urine Sample Plate.				
Weight	1.2 kg				

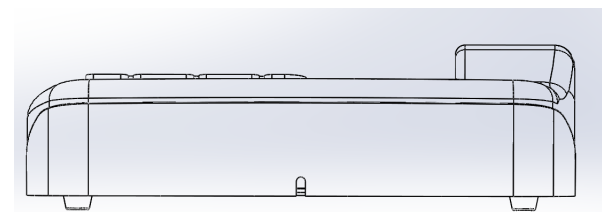
Product Dimension



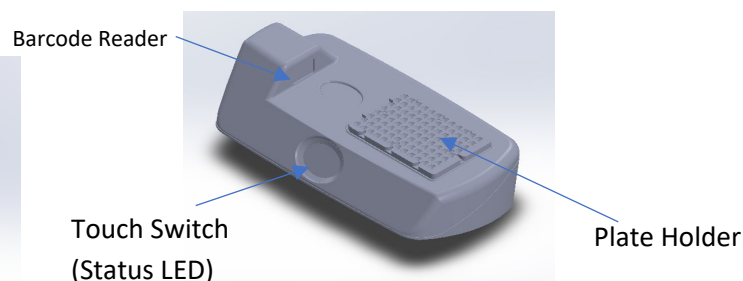
(a) Front View



(b) Side View



(c) Back View



(d) Product View

MAST URI®DOT CONNECT

External Power Supply

Mains Voltage:	100Vac – 240Vac, 47Hz – 63Hz
Output:	12Vdc, 5A, 60W
Fuse Rating:	UK Mains Plug 5A 1" x ¼" (Ceramic cartridge - Rated voltage 240V AC, 50Hz)

Power Consumption:

Operation State	Voltage (V)	Current (mA)	Power (VA)	BTU/h	kJ/h
Idle/Standby	240	55	13.2	13.14	13.86
In Operation (Average)	240	85	20.4	69.61	73.44
In Operation (Maximum)	240	94	22.6	77.11	81.36

Operating Temperature Range: **15° - 40°C**

Product Dimension

