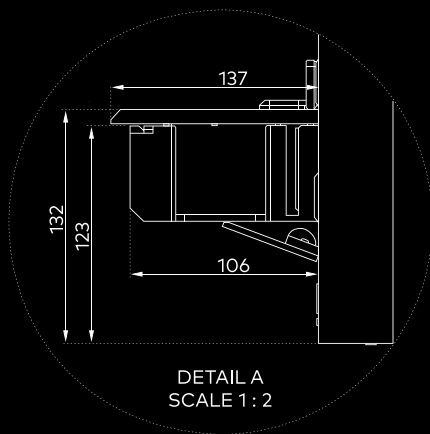
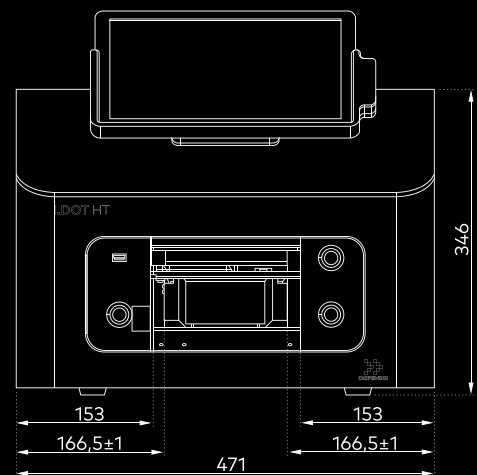
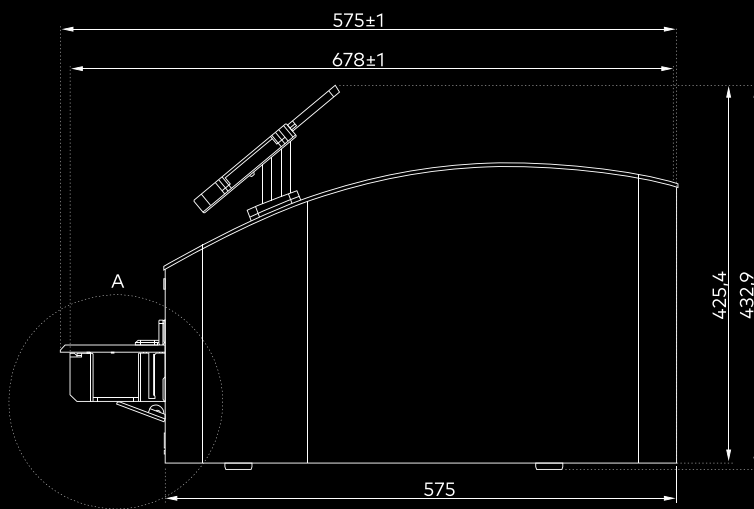


I.DOT HT

Non-contact low volume
liquid handler



Size Requirements

Name		#
Dimensions L x W x H	[mm]	471 x 575 x 433
Weight	[Kg (lb)]	45 (99.2)
Case		Powder coated aluminium, EN-AW 5754, ROHS COMPLIANT
Min Clearance distance	[mm]	100

Operating Requirements

Name		#
Power supply	[V]	AC 100-240V, 50/60Hz
Power usage	[W]	500
USB 2.0		3 ports
CAT6 Ethernet		1 port
Air pressure (oil-free, dry air)	[bar]	3 - 10

Specifications

Name		#
Dead volume	[µL]	<5 µL for H ₂ O
Volume accuracy	[%]	<5% ≥100 nl and <8% <100 nl
Volume precision	[%]	<5% ≥100 nl and <8% <100 nl
Min volume	[nL]	4
Max volume	[µL]	80 per well
Target plate types	[mm]	Any SBS-compatible well plate not exceeding 127L x 85W x 50H
Relative humidity	[%]	30 - 65

Consumables

Name		#
Source well volume	[µL]	80
Source well orifice	[µm]	60
Material		Polystyrol and polyethyleneterephthalate (PS, PET)
Source plate format		384 well plate

Software

I.DOT Assay Studio

Additional Options

Air compressor (oilfree, dry air, 3-10 bar)



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