

Specifications - Multiskan[®] Ascent / Titan Stacker

For 96 well or 384 well plates

WEIGHT:	50 lbs. (23 Kg)
SIZE: (H x W x D)	24" x 34.25" x 18" With standard 30 plate magazines
THROUGHPUT:	Using 96 well plates with the Ascent in the continuous read mode: Cycle time is 37 seconds per plate (Process 97 plates per hour)
TITAN PLATE TRANSPORT:	Direct drive step motor with a positional resolution of 0.010 inch.
P3 DEVICE:	Fully Integrated Direct drive step motor with a positional resolution of 0.010 inch.
MAGAZINE CAPACITY:	
S20 MAGAZINE	Twenty plate capacity
S30 MAGAZINE	Thirty plate capacity
S60 MAGAZINE	Sixty plate capacity
MAGAZINE SIZE: (H x W x D)	
S20 MAGAZINE	12.5" x 5.5" x 4"
S30 MAGAZINE	17" x 5.5" x 4"
S60 MAGAZINE	32.5" x 5.5" x 4"
MAGAZINE WEIGHT:	
S20 MAGAZINE	0.75 lbs. each
S30 MAGAZINE	2.40 lbs. each
S60 MAGAZINE	4.00 lbs. each
ELECTRICAL	
Multiskan[®] Ascent:	
Mains Voltage	100 - 240 V, 50 / 60 Hz, nominal (Switch selectable)
Titan Stacker:	
Mains Voltage	100/230V, ± 10 %, 50/60 Hz (Switch selectable)
Mains fuse	3 amp for 115 volt / 1.5 amp for 230 volt
ENVIRONMENTAL:	
Operating conditions:	15° Celsius to 40° Celsius (59° Fahrenheit to 104° Fahrenheit)
Relative Humidity:	10 - 85% (non-condensing)
INTERFACE:	RS232
