

Novis Mattress Comparison Chart

	Bubblemat	Slimline 3	Premium 5	Premium 5 Digital	Premium 8	Premium 8 Digital	Premium 9
control unit							
control interface	analogue	analogue	analogue	digital	analogue	digital	digital
dimensions (LxDxH)	110 x 225 x 100 mm	135 x 115 x 270 mm	209 x 272 x 128 mm	209 x 272 x 128 mm	290 x 272 x 128 mm	290 x 272 x 128 mm	290 x 272 x 128 mm
weight	1.5 kg	1 kg	2.9 kg	2.9 kg	2.9 kg	2.9 kg	2.9 kg
air output	4.5 litres per minute	6.5 litres per minute	6.5 litres per minute	6.5 litres per minute	6.5 litres per minute	6.5 litres per minute	6.5 litres per minute
hose connection type	press on connectors	quick release connectors	quick release connectors	quick release connectors	quick release connectors	quick release connectors	rapid release handle
timed static function	NO	NO	NO	YES	NO	YES	YES
alarms	NO	visual	visual	audible / visual	visual	audible / visual	audible / visual
power down alarm	NO	NO	NO	YES	NO	YES	YES
fuse rating (Amps)	mains plug - 3A control unit 1A(x1)	mains plug - 3A control unit 1A(x1)	mains plug - 3A control unit 1A(x2)	mains plug - 3A control unit 1A(x2)	mains plug - 3A control unit 1A(x2)	mains plug - 3A control unit 1A(x2)	mains plug - 3A control unit 1A(x2)
mode of operation	continuous	continuous	continuous	non-continuous	continuous	non-continuous	non-continuous
electrical safety	EN 6060 1.1:1996 UL2601-1 safe	EN 6060 1.1:1996 UL2601-1 safe	EN 6060 1.1:1996 UL2601-1 safe	EN 6060 1.1:1996 UL2601-1 safe	EN 6060 1.1:1996 UL2601-1 safe	CE, UL	CE, UL
support surface							
support type	mattress overlay	mattress overlay	mattress overlay	mattress overlay	mattress replacement	mattress replacement	mattress replacement
dimensions (LxDxH)	2000 x 880 x 115 mm	2000 x 880 x 115 mm	2000 x 880 x 175 mm	2000 x 880 x 175 mm	2000 x 880 x 200 mm	2000 x 880 x 200 mm	1970 x 900 x 250 mm
alternation type	1 in 2 (bubble row)	1 in 2	1 in 2	1 in 2	1 in 2	1 in 2	1 in 3
alternation cycle time	10 minutes	12 minutes	12 minutes	12 minutes	12 minutes	12 minutes	12 minutes
base material	N/A	TPU coated nylon 420 denier woven fabric	TPU coated nylon 420 denier woven fabric	TPU coated nylon 420 denier woven fabric	TPU coated nylon 420 denier woven fabric	TPU coated nylon 420 denier woven fabric	TPU coated nylon 420 denier woven fabric
cell material	TPU coated 210 denier nylon fabric	TPU coated 210 denier nylon fabric	TPU coated 210 denier nylon fabric	TPU coated 210 denier nylon fabric	TPU coated 210 denier nylon fabric	TPU coated 210 denier nylon fabric	TPU coated 210 denier nylon fabric
cell in cell technology	NO	NO	NO	NO	NO	NO	YES
side buffer	NO	Yes - Optional	Yes - Optional	Yes - Optional	Yes - Optional	Yes - Optional	Yes - integrated
number of cells	130	21	18	18	21	21	19
static head cells	NO	NO	YES	YES	YES	YES	YES
CPR function	NO	NO	Yes Pull Tag	Yes Pull Tag	Yes Pull Tag	Yes Pull Tag	rapid release handle
anti kink hosing	NO	YES	YES	YES	YES	YES	YES
micro air loss feature	NO	NO	Yes	Yes	NO	NO	NO
positioning handles	NO	YES	YES	YES	YES	YES	YES
top cover							
top cover material	N/A	PU coated 2 way stretch nylon	PU coated 2 way stretch nylon	PU coated 2 way stretch nylon	PU coated 2 way stretch nylon	PU coated 2 way stretch nylon	PU coated 2 way stretch nylon
attachment type	N/A	quick release zipper	quick release zipper	quick release zipper	quick release zipper	quick release zipper	quick release zipper
infection control skirt	N/A	N/A	YES	YES	YES	YES	YES
seam joining	N/A	sewn	tape sealed	tape sealed	tape sealed	tape sealed	tape sealed
general							
risk category	light risk	medium risk	medium risk	high risk	high risk	high risk	VERY high risk
maximum user weight	100 kg	120 kg	150 kg	150 kg	180 kg	180 kg	180 kg
carry bag include	NO	YES	YES	YES	YES	YES	YES
	Bubblemat	Slimline 3	Premium 5	Premium 5 Digital	Premium 8	Premium 8 Digital	Premium 9