Unimax 1010

P/N: 036130180



This shaker can be integrated into the modular incubation system, and it is therefore ideal for all temperature-controlled shaking tasks. By means of the integrated RS 232 interface and in conjunction with the software Hei-PROCESS, processes can be realized semi-automatically. In addition, it is possible to operate several shakers of this size in one climate chamber.

With a speed of 30-500 rpm and an orbit of 10 mm, samples are optimally kept in motion. Time-dependent applications can be performed without any problems by using a timer (max. 99 h 99 min 99 S). In addition, the automatic restart (e.g. after a power failures) can be regulated by means of a button.

Unimax 1010 - Technical Data

Permissible ambient conditions - Weight kg Protection class (EN 60529) IP 40 Timer Yes (max. 99 h 99 min 99 s) Rotation speed range 30 - 500 rpm Power input 50 Dimensions (w/d/h) 320 x 125 x 375 mm Max. Load 5 kg Operating Mode Timer function / continuous operation Rotation speed setting - Orbit / Stroke 10 mm Platform size - Accessories included - Angle - Motion orbital Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity, 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C - 31 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm Installation altitude 2,000 m above sea level	Overheat protection	self-resetting
Protection class (EN 60529) Timer Yes (max. 99 h 99 min 99 s) Rotation speed range 30 - 500 rpm Power input 50 Dimensions (w/d/h) 320 x 125 x 375 mm Max. Load 5 kg Operating Mode Timer function / continuous operation Rotation speed setting - Orbit / Stroke 10 mm Platform size - Accessories included - Angle Motion Ambient temperature range (operation) Ambient temperature range (storage) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Permissible ambient conditions	-
Timer Yes (max. 99 h 99 min 99 s) Rotation speed range 30 - 500 rpm Power input 50 Dimensions (w/d/h) 320 x 125 x 375 mm Max. Load 5 kg Operating Mode Timer function / continuous operation Rotation speed setting - Orbit / Stroke 10 mm Platform size - Accessories included Angle - Motion orbital Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity, 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C - 31 °C up to 80 % rel. humidity, 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Weight	kg
Rotation speed range 30 - 500 rpm Power input 50 Dimensions (w/d/h) 320 x 125 x 375 mm Max. Load 5 kg Operating Mode Timer function / continuous operation Rotation speed setting - Orbit / Stroke 10 mm Platform size - Accessories included - Angle - Motion orbital Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity, 32 °C - 40 °C up to 50 % rel. humidity, 32 °C - 40 °C up to 50 % rel. humidity, 32 °C - 40 °C up to 50 % rel. humidity, 32 °C - 40 °C up to 50 % rel. humidity, 32 °C - 40 °C up to 50 % rel. humidity, 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Protection class (EN 60529)	IP 40
Power input 50 Dimensions (w/d/h) 320 x 125 x 375 mm Max. Load 5 kg Operating Mode Timer function / continuous operation Rotation speed setting - Orbit / Stroke 10 mm Platform size - Accessories included - Angle - Motion orbital Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity, 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Timer	Yes (max. 99 h 99 min 99 s)
Dimensions (w/d/h) 320 x 125 x 375 mm Max. Load 5 kg Operating Mode Timer function / continuous operation Rotation speed setting - Orbit / Stroke 10 mm Platform size - Accessories included - Angle - Motion orbital Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity, 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity; 32 °C - 80 °C up to 50	Rotation speed range	30 - 500 rpm
Max. Load 5 kg Operating Mode Timer function / continuous operation Rotation speed setting - Orbit / Stroke 10 mm Platform size - Accessories included - Angle - Motion orbital Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Power input	50
Operating Mode Timer function / continuous operation Rotation speed setting - Orbit / Stroke 10 mm Platform size - Accessories included - Angle - Motion Orbital Ambient temperature range (operation) Ambient temperature range (operation) Ambient temperature range (storage) For C = 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity; 32 °C -	Dimensions (w/d/h)	320 x 125 x 375 mm
Rotation speed setting Orbit / Stroke 10 mm Platform size - Accessories included - Angle - Motion orbital Ambient temperature range (operation) Ambient temperature range (storage) For all °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Max. Load	5 kg
Orbit / Stroke 10 mm Platform size - Accessories included - Angle - Motion orbital Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Operating Mode	Timer function / continuous operation
Platform size Accessories included Angle - Motion orbital Ambient temperature range (operation) Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Rotation speed setting	-
Accessories included Angle - Motion orbital Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Orbit / Stroke	10 mm
Angle - Motion orbital Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Platform size	-
Motion orbital Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Accessories included	-
Ambient temperature range (operation) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C - 31 °C up to 80 % rel. humidity; 32 °C - 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Angle	-
40 °C up to 50 % rel. humidity (decreasing linearly) Ambient temperature range (storage) 5 °C – 31 °C up to 80 % rel. humidity; 32 °C – 40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Motion	orbital
40 °C up to 50 % rel. humidity (decreasing linearly) Interfaces RS 232 Usable area 290 x 258 mm	Ambient temperature range (operation)	40 °C up to 50 % rel. humidity (decreasing
Usable area 290 x 258 mm	Ambient temperature range (storage)	40 °C up to 50 % rel. humidity (decreasing
	Interfaces	RS 232
Installation altitude 2,000 m above sea level	Usable area	290 x 258 mm
	Installation altitude	2,000 m above sea level