



## 9 Technical specifications

### 9.1 TELESHAKE 1536

Technical specifications		TELESHAKE 1536-6	TELESHAKE 1536-8
Order No. (control unit included)	Version EC Version UK Version JP Version US	50101852 50101853 50101855 50101854	<u>50101683</u> = 9995-6966 50101685 50101687 50101684
Order No. (magnetic shaker only)		50134883	50134884
Number and kind of microtiter plates		1× 1536 MTP (or 1× 384) Standard dimensions pursuant to ANSI/SBS 1-2004: L×B 127.76 × 85.48 mm (±0.25 mm) MTP tolerance on shaking platform: L×B 127.76 × 85.48 mm (±1 mm) Side height: 1.9 - 2.8 mm	
Shaking power	W	max. 6	
Frequency range	rpm	Manual operation: 5,500 – 7,000 Remote operation: 4,000 – 8,500	
Amplitude, can be selected	mm	0.1 – 0.7	
Repeat accuracy of central position	mm	± 0.1	
Maximum deviation of position	mm	± 0.3	
Dimensions (W × D × H)	mm	146 × 103 × 56	
Height of the contact surface above mounting surface	mm	50 (±0.2)	
Weight	g	1,400	
Maximum shaker platform load	g	500	
Number of stationary/movable fixating elements		3/3	4/4
Locking time, opening time	s s	1.5 1.5	

## 9 Technical specifications

Technical specifications		TELESHAKE 1536-6	TELESHAKE 1536-8
Opening path of the movable fixating elements	mm	1.4	
Locking power of the movable fixating elements	N	7 each	
Mixing time	s	< 1	
Design		Remote-controlled	
Housing material		Aluminium, anodized, ecru	
Protective system		IP 32 (pursuant to EN 60529)	
Permissible operation conditions		+5°C to +40°C at 30% to 80% of relative humidity, 700 to 1,060 hPa barometric pressure	
Permissible storage conditions		-40 °C to +70 °C, at 10% to 95% of relative humidity, 500 to 1,060 hPa barometric pressure	
Mark of conformity		 	
Maintenance interval for shaking mechanism		After approximately 10 <sup>9</sup> vibrations of the shaking mechanism	
Maintenance interval for fixating elements		After approximately 200,000 opening/locking cycles	
Scope of delivery		Magnetic shaker, control unit, RS232 interface cable, RS232 module connecting cable, anti-skid mat, documentation	