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Technical Specifications

# TBS25



D-0130271-C – 2023/01



**Interacoustics**



## Included parts

- Mounting mat.
- TCC25 connection cables
- TCL 25 loop connection cable
- TSC25 speaker cable

## General technical specifications

<b>Medical CE-mark</b>	Approved for Medical CE Marking by TÜV. Identification No. 0123	
<b>Noise Rejection</b>	Depending on placement and acoustic surroundings. 20Hz - 300Hz: 40dB - 70dB 300Hz - Above: 45dB - 55dB	
<b>Acoustic Distortion</b>	At 100dB SPL at any frequency between 150Hz and 8kHz the typical distortion is: 2nd: < 0,5% 3rd: < 0,3% Lower distortion at lower intensities.	
<b>Test chamber acoustics</b>	Approximates to Free Field conditions above 500Hz. Horizontal sound radiation.	
<b>Input specifications</b>	<b>@ 1 watt input</b>	110dB SPL at test point
	<b>Max continuous input</b>	4.5 Watts
	<b>Short term input</b>	40 Watts
	<b>Nominal impedance</b>	8Ω
	<b>Max impedance</b>	25Ω
<b>Stimuli level</b>	Available levels determined by specifications of connected analyzer. <ul style="list-style-type: none"> <li>• Upper limit: +110dB SPL</li> <li>• Lower limit: Determined by ambient noise level. <ul style="list-style-type: none"> <li>○ 50dB SPL at 75dB ambient noise changes measurement less than 0.5dB.</li> <li>○ 35dB SPL test level at 70dB ambient noise has a signal to noise ratio exceeding 10dB</li> </ul> </li> </ul>	
<b>Frequency range</b>	These specifications indicate typical performance prior to any applied electronic correction.	
	Neither slope suffers from disturbing resonance.	
	<b>Frequency range</b>	150 – 10000Hz
	<b>Tolerances</b>	150 – 2000Hz: < ±3dB 2000 – 8000Hz: < ±4dB 8000 – 10000Hz: < ±8dB
	<b>Lower cut off</b>	- 12dB/octave @ <117Hz
<b>Upper cut off</b>	- 24dB/octave @ >10kHz	
<b>External connectors</b>	Reference microphone	
	Coupler microphone	
	Battery adapter	
	Loop	
	Auxiliary 1	
	Auxiliary 2	
	Speaker	
<b>Dimensions (LxWxH)</b>	400 x 365 x 260 mm / 15.7 x 14.4 x 10.2 in	
<b>Weight</b>	22kg / 48.5lbs	