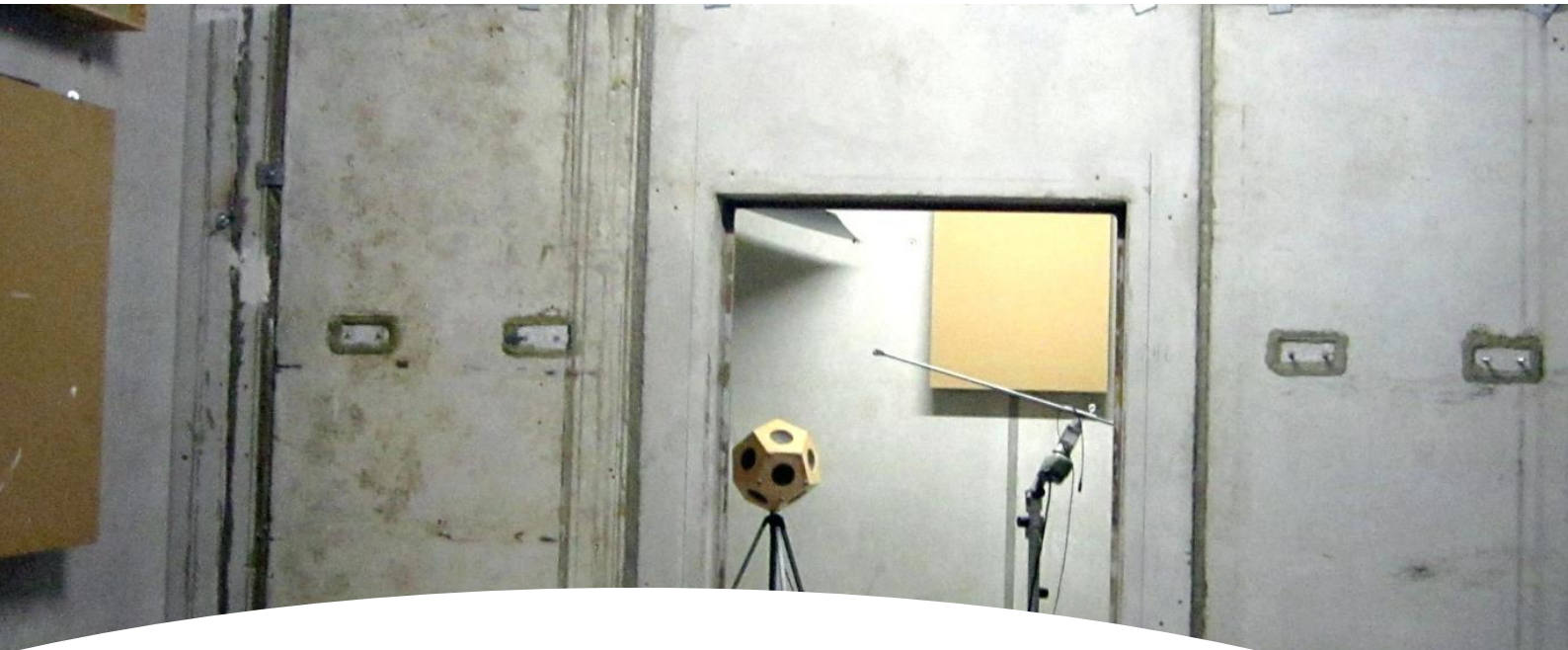


Measuring and testing facilities



Wall test rig

General information

Location	D-49762 Lathen
Measured variable	Airborne sound insulation
Specifications	DIN EN ISO 10140, DIN EN 1793-2
Measuring objects	Building elements, sound protection walls, partition panels, windows, doors, gates, bulkheads etc.

Technical data

Surface area	25,8 m ² (source room); 15,9 m ² (receiving room)
Volume	98,0 m ³ (source room); 70,0 m ³ (receiving room)
Doors and gates (W x H)	Sectional door 4,50 m x 3,55 m (source room); Doors 1,00 m x 2,12 m (source and receiving room)
Standard test opening (W x H)	1,25 m x 1,50 m (window test opening) 1,01 m x 2,13 m (door test opening) 1,73 m x 2,82 m (wall test opening 1) 2,92 m x 2,82 m (wall test opening 2) 4,10 m x 2,82 m (wall test opening 3)
Nonstandard test openings	Available on request
Max. sound reduction index	$R'_{\max,w} = 72$ dB

Additional information

- For loading and unloading the test rig can be accessed by small truck.
- For assembly of heavy elements a forklift is available.
- Fire safety, smoke protection and long-term performance testing for doors and gates according to EN 1634-1, EN 1634-3 and EN 1191/EN 12605 are also available on site.

Contact on location:

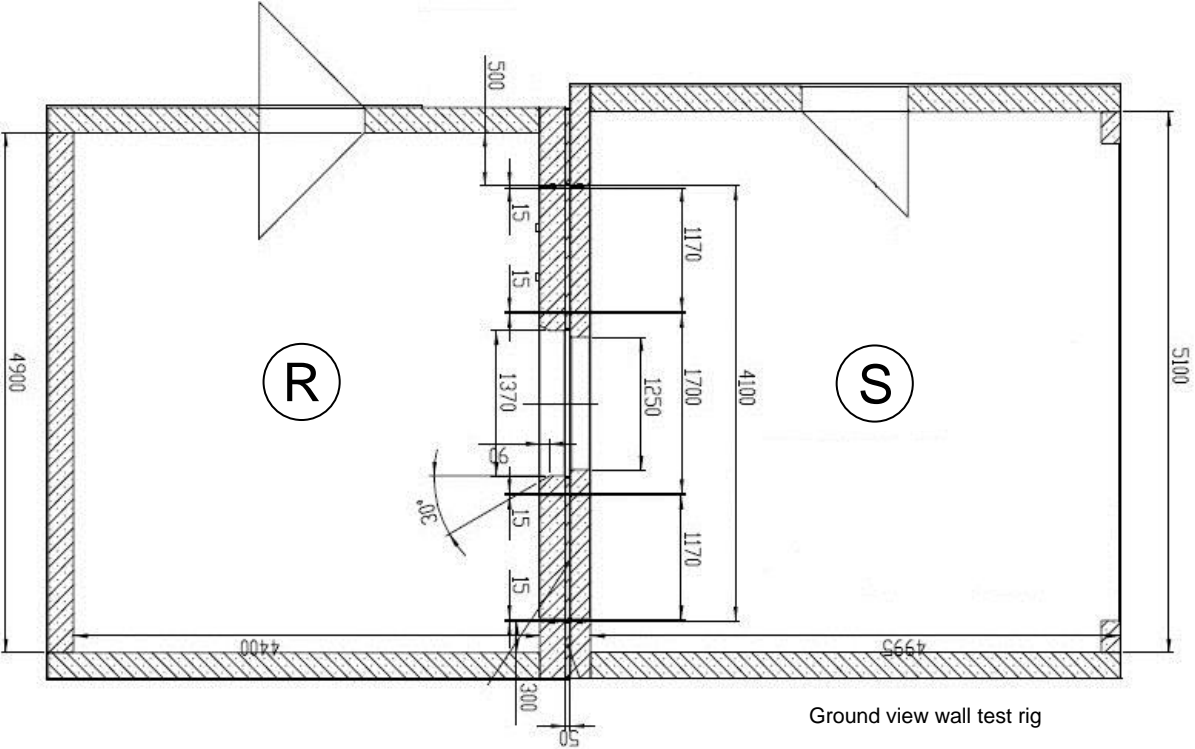
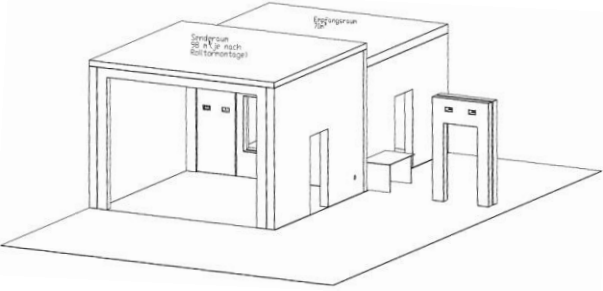
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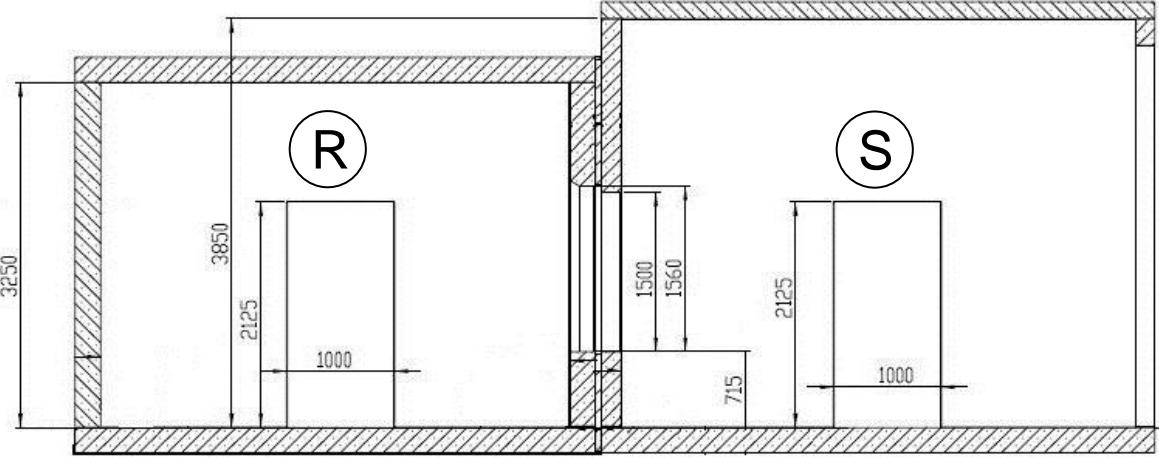


Dimensions



Ground view wall test rig

(R): receiving room, (S): source room



Side view wall test rig

(R):receiving room , (S): source room