

Application range

15 mm Tube
(inner diameter)
Frequency range:
150 ... 10200 Hz

30 mm Tube
(inner diameter)
Frequency range:
100 ... 6600 Hz

40 mm Tube
(inner diameter)
Frequency range:
100 ... 4400 Hz

100 mm Tube
(inner diameter)
Frequency range:
50 ... 1900 Hz

Hardware

801306.8 Base Modul Set
included accessories:
800931.1 150 W amplifier MBR150
971024.1 cinch cable 1.5 m
971025.8 speakon cable 1.5 m
801022.5 speaker module

801470.2 Absorption tube 15
801472.7 Transmission tube 15 mm
801471.0 Hollow drill tool 15 mm

801025.8 Absorption tube 30 mm

801026.6 Transmission tube 30 mm
801027.4 Hollow drill tool 30 mm

801023.3 Absorption tube 40 mm
800919.2 Transmission tube 40 mm
800908.8 Hollow drill tool 40 mm

800918.4 Absorption tube 100 mm

800920.7 Transmission tube 100 mm
801021.7 Hollow drill tool 100 mm

AFD 1000 - Sound Absorption Software

800819.1 Analysis software AFD 1001
determination of:

- sound absorption coefficient
- complex sound reflection factor
- complex impedance ratio

according to DIN EN ISO 10534-2

Options:

800882.5 weighted sound absorption coefficient according to DIN EN ISO 11654

800907.1 database absorption

801323.6 Post Processing

801487.2 In-Situ measurement of asphalt with 100 mm tube and adapter **801486.4**

AFD 1200 - Sound Insulation Software

800883.3 Analysis software AFD 1201
determination of:

- transmission loss (sound insulation)
- sound transmission coefficient
- complex wave number
- complex impedance

according to transfer-matrix method of Song and Bolton

Options:

800909.6 database transmission

999999.5 weighted transmission loss according to DIN EN ISO 717-1

999999.5 insertion loss as a function of frequency (design of mufflers)

999999.5 diffuse sound absorption coefficient (comparison to measurements in the reverberation chamber according to DIN EN ISO 354)

NOTE:

microphones with cables not included:
delivery time 6...8 weeks
recommended analyzer: **Apollo / Soundbook**

2x microphones 1/4" necessary

additional 2x microphones 1/4" necessary
999999.5 option available on request