BUILDING ACOUSTICS

Measurements of Building Acoustic parameters such as Sound Reduction, Transmission Loss and Sound Absorption are important ways to characterise the quality of indoor environments.

This PULSE-based solution is particularly suitable for:

- Testing facilities
- Research laboratories
- Consultants
- Larger industries with own test facilities
- Universities
- Field measurements where a PC-based solution is preferred

This is a multichannel solution that also supports Rotating Microphone Booms.

Comprehensive validation features combined with a high degree of automation makes it very fast to obtain final results, including report/documentation. Building Acoustics running on PULSE measures Sound Reduction according to various national and international standards:

- ISO (Int)
- JIS (J)
- SS (S)
- DIN (D)
- ÖNORM (A)
- BS (UK)
- Sia (Ch)
- UNI (I)
- NF-S31(F)
- NBE (E)
- NEN (NI)
- ASTM (USA)

Additional:

- Loss factor measurements, DIN EN 140-3, Annex E
- Absorption coefficient measurement ISO 354
- Intensity Method ISO/FDIS 15186-1 and 2
- Support for MLS measurements

TYPE 3560 C-S42

Building Acoustic – Rotating Boom (2 In/2 Out)

3560 C
7533
3109
7771-N2

- Two channel system
- Two generator outputs
- Suports a simple setup for making spatial average measurements simultaneously in source and receiving room
- Suitable for field measurement use
- Rotating boom optional)

** One year SW maintenance*

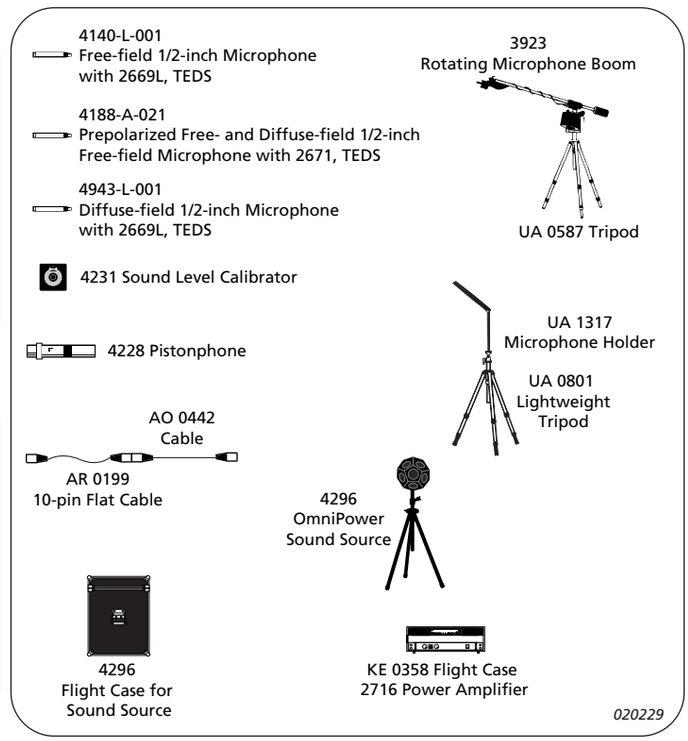
TYPE 3560 C-S43

Building Acoustic – Multi Microphone (4 In/2 Out)

3560 C
7533
3109
7771-N2
7707

- Four channel system
- Two generator outputs
- Multichannel systems facilitates fast automated measurements
- The two generator outputs can be used for the sound source in the source and receiving room respectively

** One year SW maintenance*



ROTATING MIC. BOOM BASED

4188 A-021	Prepolarized Free- and Diffuse-field ½-inch Microphone with 2671, TEDS
4943 L-001	Diffuse- field ½-inch Microphone with 2669 L, TEDS
4231	Sound Level Calibrator
3923	Rotating Microphone Boom
UA 0587	Heavy Duty Tripod for 3923 Rotating Boom
4296	OmniPower Sound Source
2716	Power Amplifier

MULTICH. MIC. BASED SYSTEM

4188 A-021	Prepolarized Free- and Diffuse- field ½-inch Microphone with 2671, TEDS
4943-L-001	Diffuse- field ½-inch Microphone with 2669 L, TEDS
4231	Sound Level Calibrator
2716	Power Amplifier
4296	OmniPower Sound Source

ACCESSORIES

UA 0801	Lightweight Tripod
UA 1317	½-inch Microphone Holder
UA 0588	Tripod
AO 0414/5/6	Mic. Ext. Cable 3/10/30 m
AQ 0667	Bridging Cable
AQ 0622	Cable for 4296
KE 0358	Flight Case (for 2716)
KE 0364	Carrying Bag (for 4296 Tripod)
KE 0365	Flight Case (for 4296)