



Site Survey User Guide

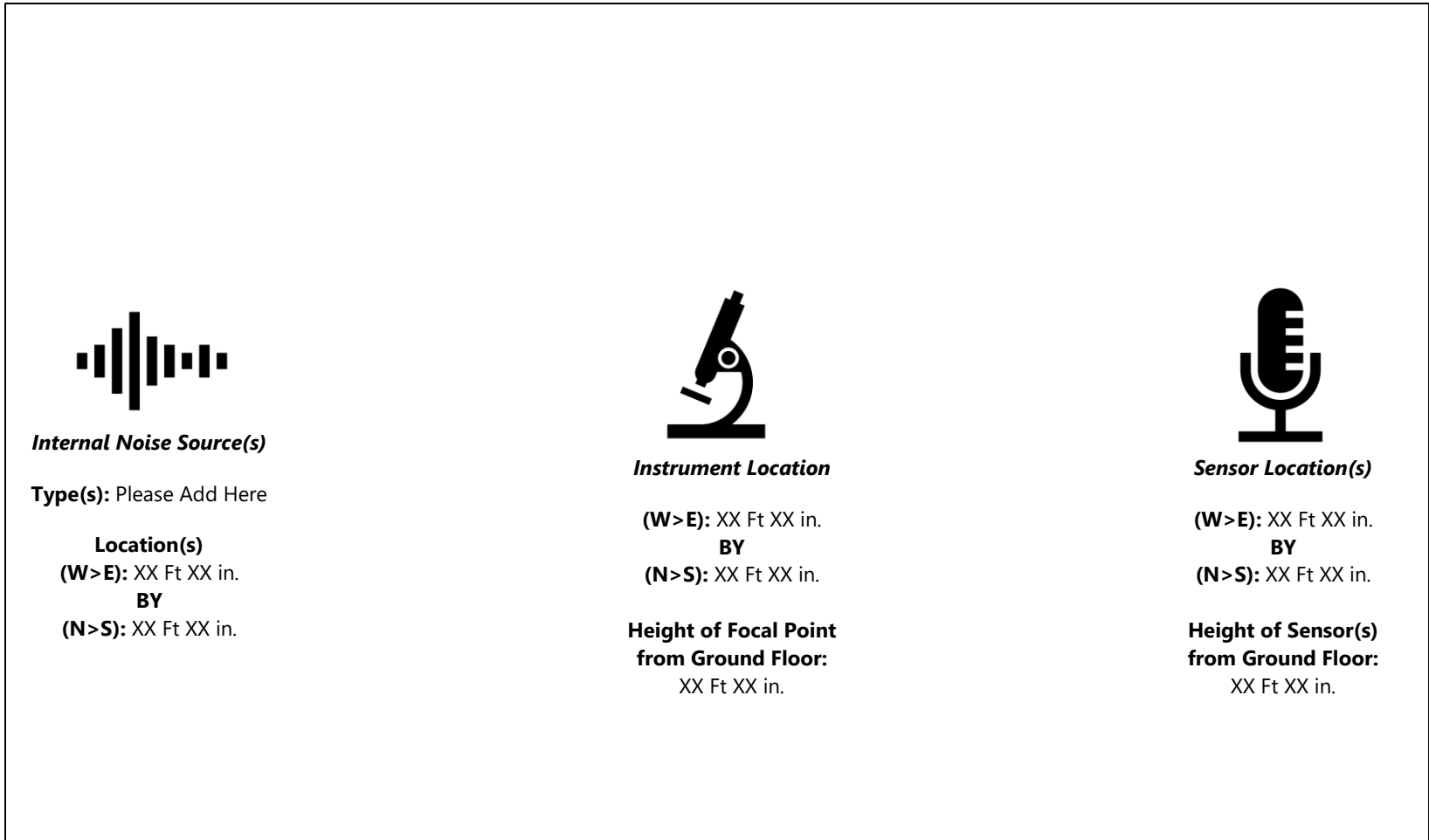
The Site Survey User Guide helps ensure all necessary information is collected to deliver a complete and comprehensive site survey report. This guide is broken down into four sections: **Customer Details**, **Room Details**, **Measurement Details**, and **Questions Regarding Environmental Isolation Systems**.

Please take ensure all relevant information is recorded before sending information to Herzan or the customer.

CUSTOMER DETAILS			
Company Contact	<i>Name:</i>	<i>Phone:</i>	<i>Email:</i>
Company	<i>Name:</i>	<i>Address:</i>	
Instrument Details	<i>Manufacturer:</i>	<i>Make:</i>	<i>Model:</i>
Microscope Environmental Specifications	<i>Vibration:</i>	<i>Acoustic:</i>	<i>EMI:</i>

Room Details

W>E: XX Ft XX in.



Internal Noise Source(s)

Type(s): Please Add Here

Location(s)

(W>E): XX Ft XX in.

BY

(N>S): XX Ft XX in.



Instrument Location

(W>E): XX Ft XX in.

BY

(N>S): XX Ft XX in.

**Height of Focal Point
from Ground Floor:**

XX Ft XX in.



Sensor Location(s)

(W>E): XX Ft XX in.

BY

(N>S): XX Ft XX in.

**Height of Sensor(s)
from Ground Floor:**

XX Ft XX in.

N>S:
XX Ft
XX in.

Room Ceiling Height:

Room Location in Building (i.e. ground floor, 1st floor, etc.):

External Noise Source(s):

MEASUREMENT DETAILS

Site Survey Details	<i>Performed By:</i>	<i>Date:</i>	
Site Survey Tool Used			
Sensor(s) Used	<i>Vibration:</i>	<i>Acoustic:</i>	<i>EMI:</i>
Frequency Range(s) Measured	<i>Vibration:</i>	<i>Acoustic:</i>	<i>EMI:</i>
Number of Locations Measured	<i>Vibration:</i>	<i>Acoustic:</i>	<i>EMI:</i>

Environmental Isolation System Questions

The following questions need to be answered if an isolation system is recommended. An isolation system will be recommended when the measured environment exceeds the specifications set by the instrument manufacturer.

VIBRATION ISOLATION SYSTEM QUESTIONS

Microscope Specifications	<i>Weight:</i>	<i>Dimensions:</i>
Floor Flatness	<i>What is the floor flatness of the ground beneath the instrument footprint? <u>AVI Series Specification: 2mm/m</u></i>	
Microscope Upgrades	<i>Will there be upgrades added in the future that may contribute to an increased weight of the instrument (Yes or No)?</i>	
Moving Stages	<i>Are there moving stages within the instrument? <u>If yes:</u> what is the weight of the stage, the distance the stage travels, and the speed at which the stage travels?</i>	

ACOUSTIC ISOLATION ENCLOSURE QUESTIONS

Room Clearance	<i>Is there sufficient clearance for the acoustic enclosure to enter the room?</i>	
Accessibility Features	<i>What accessibility features are desired (i.e. doors, windows, access ports, etc.)?</i>	
Temperature Control	<i>Is temperature control required for the enclosure? If yes: how much heat is being generated by the instrument and what are the operating temperature requirements?</i>	
Humidity Control	<i>Is humidity control required for the enclosure? If yes: how much humidity is being generated by the instrument and what are the operating humidity requirements?</i>	

EMI CANCELLATION SYSTEM QUESTIONS

Cable Installation	<i>What is the preferred installation for the cancellation cables (i.e. Room, Frame, Enclosure, etc.)?</i>		
Local ACS Systems	<i>Are there other active cancellation systems located in the room? <u>If yes:</u> how far away from the location of the instrument?</i>		
The following questions request information about the room where the instrument will be located.			
Window Details	<i>Number of Windows:</i>	<i>Window(s) Locations:</i>	<i>Window(s) Dimensions (W x H):</i>
Doorway Details	<i>Number of Doors:</i>	<i>Door(s) Locations:</i>	<i>Door(s) Dimensions (W x H):</i>

Have Questions?

Feel free to call or email at any time with questions or comments on performing a site survey.