

SPECIALIZED EQUIPMENT SPECIFICATIONS

Fenn R&D Institute (FRDI)

Fenn College of Engineering, Cleveland State University

Name: **Nondestructive Testing Laboratory**
Description/Use:
User fee: Call, Email
Fee basis: Call, Email
Contact Person: Dr. Norbert Delatte, (216) 687-9259, n.delatte@csuohio.edu.

1. Olson instruments Freedom NDT PC for field acquisition, with the following modules
 - a. UPV-1 Ultrasonic Pulse Velocity
 - b. SASW-S Spectral Analysis of Surface Waves, structures version
 - c. SASW-G4 Spectral Analysis of Surface Waves, soil applications
 - d. CTG-1 Impact-Echo concrete thickness gauge and flaw detector
 - e. SE/IR-1 Slab Impulse Response
2. Germann Instruments DOCTer Impact-Echo Test equipment
3. Sensors and Software Noggin Ground Penetrating Radar
4. Olson Instruments RT-1 Resonant frequency tester ASTM C215
5. Maturity Meter Humboldt model 2682 ASTM C1074
6. Digital Schmidt Rebound Hammer ASTM C805
7. Penetration Resistance Windsor Probe kit ASTM C803
8. James Instruments R-Meter MK III™
1. Advanced System for Rebar Location and Bar Size Determination