

A Closer Look at NEFCO's State of the Art Laboratory

NEFCO's state-of-the-art laboratory is 1,600 square feet and can be air conditioned or heated, depending on the season. The spacious seating area, complete with dual projection screens, accommodates groups of twenty or more. Large items are easily examined in the laboratory and are carefully maneuvered to and from the on-site secure storage facility with a forklift truck. Viewings can be videotaped by the evidence technician at your request and combustion experiments can be conducted using the hood ventilation system.

A portable Golden X200 X-ray source is available for valuable detailed examinations and the Logos Digital Imaging System converts the X-rays into digital images, providing instantaneous results. The 10x/60x power Scienscope with video camera can be hooked up to a PC for even more detailed observation of evidentiary items. An eight-channel thermocouple measures the temperatures of an item at up to eight different points and produces a graph that plots the findings.

Amenities available at the lab include the convenient indoor quick-disconnects for propane at three different psi. A nitrogen tank is on-site for non-flammable gas testing and a reduction valve on a methane tank is available for natural gas testing. Other items include an ultrasonic cleaner, as well as many readily available pneumatic tools, power tools, hand tools, and bearing pullers.

