

Request for Sole Service / Sole Brand Justification TruDefender FTX

The following information is provided to assist you in determining if the following products manufactured by Thermo Fisher Scientific – Portable Analytical Instruments qualify for sole purchase justification status as a brand specific item.

Thermo Fisher Scientific, is the sole manufacturer of the TruDefender FTX FTIR handheld spectrometer, from its sole manufacturing location at 2 Radcliff Rd Tewksbury, Massachusetts USA. This system is unique as the a ruggedized, waterproof and self contained FTIR spectrometer, only product on the market in its class to meet Mil-Spec 810F ruggedness specs and IP67 Waterproof specs. It uses proprietary Chemometric routines to identify unknown chemicals that are not available on any other FTIR spectrometers.

The TruDefender FTX is the only Spectrometer available on the market that will run the DecisionEngine 2.0 MX mixture analysis software for identifying and analyzing mixtures of chemical compounds. There is no other system on the market that uses this combination of Chemometrics and software routines. The TruDefender FTX is the only commercial handheld spectrometer that contains signatures of chemical weapons and explosives as well as millions of other toxic chemical combinations. These chemicals are also linked to chemical hazard screens that provide information on the properties of the chemical that has been identified. This allows field personnel to rapidly deal with the hazardous chemical. These requirements make it ideally suited to use to identify unknown materials in the field. No other hand held FTIR spectrometers are available commercially that meet these field requirements. Thermo Scientific holds a number of patents on the components and chemometric routines that are used to make this system.

Thermo Fisher Scientific is the only company qualified to provide 24/7 support, provide product warranty support, provide user specific training, and conduct any kind of service on any of the devices manufactured by Thermo Fisher Scientific.

Please refer to FTX System Specifications for more information.

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