

PMI EQUIPMENT



FOR ALL YOUR INSPECTION NEEDS

X-MET 3000T



The Dacon used X-MET 3000T is a portable, wide range Positive Material Identification (PMI) elemental analyzer intended mainly for alloy applications. It is based on energy dispersive X-ray fluorescence technology and the use of X-ray tube.

The unit provides a quick field or laboratory method for chemical analysis or sample identification (sorting) directly from metal samples of various forms. It obtains the grade ID of a sample in two to five seconds, with full report in five to 10 seconds. The reports are automatically generated and identifies all main element groups.

All stored data can be transferred to a PC via USB cable. The unit is small and portable and ideal for data collection and storage in the field and is operated by only 1 inspector. The accuracy of the PMI unit is +/- 5%.

The unit is calibrated by a 3rd party yearly and is accurate for elements including Cr, Ni, Mo, Ti, Cb, Ta, W, Co, V. Approximately 100 locations can be analyzed per day. Grinding/preparations of sample surface is considered client responsibility.

The X-MET 3000T is factory calibrated for:

- Low alloy steels
- Stainless steels
- Tool steels
- Nickel alloys
- Cobalt alloys
- Copper alloys

