

# Eriez



## Laboratory Facilities

Eriez Magnetics Europe, a leading provider of process problem solutions, has developed a test laboratory with the most comprehensive range of high tech magnetic separation equipment in the world.

The superbly equipped laboratory has wet and dry test areas featuring different designs and configurations of magnetic separators and metal detectors, as well as an XRF Model LabX 3000 system for qualitative analysis.

Specialist knowledge and expertise are applied when testing and analysing materials such as minerals, especially non-metallic industrial minerals and recycling materials.

Experienced process engineers provide customers with unique and innovative solutions for separation problems. Controlled tests are undertaken after careful analysis of customers' requirements and a detailed report is provided on completion.

### Wet Testing Equipment

- **Powerflux HGMS** up to 5 Tesla, advanced cryogen-free, superconducting technology
- **High Intensity Magnetic Filter** up to 1 Tesla, efficient and effective in the removal of wet paramagnetic particles

### Dry Testing Equipment

- **Rare Earth Rolls** up to 2 Tesla, with diameters 300, 100 and 76mm, for highly effective separation of dry paramagnetic particles
- **Magnetic Drums** extensive range of sizes (widths and diameters) and magnetic configurations for automatic separation of ferromagnetic and paramagnetic particles
- **Dynamic Drum Separator** patented technology for the removal of fine iron from fine powders
- **Eddy Current Separators (Non-Ferrous Separators)** standard and LC models as well as the specialist SR model for plastics recycling
- **Metal Detectors and Metal Separators** wide choice for in-line and end-of-line quality checks



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