

**HOFMANN
ENGINEERING**

PORTABLE SPECTROANALYSER

Since 1969 Hofmann Engineering has provided specialist engineering services to Australia's industry leaders.

Quality Assurance accreditation by Bureau Veritas complements our total quality culture.

Our commitment to continuous quality improvement touches every aspect of our products, services and customer support.

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Spectroanalyser

Hofmann Engineering's mobile alloy analyser uses a Non Destructive Testing method to identify material grades on the spot, & at any location!

Hofmann's Spectroanalyser can analyse & identify the following material groups:

- Low alloy steels.
- Tool Steel.
- Stainless Steel.
- Aluminium Alloys.
- Copper Alloys.
- Nickel Alloys.

Hofmann's Spectroanalyser offers:

- Fast analysis and sorting (within five minutes of set up).
- Analyses material as small as 20mm dia.
- Accurate carbon analysis.
- Consistent results on repeat testing.
- Convenient mobility.
- Comprehensive alloy database.
- An easy to read report (email or hard copy results available).



Grade: CARBON AND LOW ALLOY STEELS (Fe-Fe)

Measurement name: Dm603

Result in average calculations

| Element | Average | StdDev | Min. | Max. |
|-----------|---------|--------|-------|-------|
| 17CrNiMo8 | | | | |
| Fe | 96.07 | 0.000 | | |
| C | 0.751 | 0.000 | 0.015 | 1 |
| Si | 0.275 | 0.000 | 0 | 0.4 |
| Mn | 0.546 | 0.000 | 0.4 | 0.6 |
| Cr | 1.544 | 0.000 | 1.5 | 1.6 |
| Ni | 1.454 | 0.000 | 1.4 | 1.7 |
| Mo | 0.024 | 0.000 | 0.025 | 0.05 |
| Cu | 0.034 | 0.000 | | |
| Al | 0.012 | 0.000 | | |
| V | 0.004 | 0.000 | | |
| W | 0.000 | 0.000 | | |
| Ti | 0.020 | 0.000 | | |
| Nb | 0.005 | 0.000 | | |
| B | 0.000 | 0.000 | | |
| S | 0.014 | 0.000 | 0 | 0.35 |
| P | 0.018 | 0.000 | 0 | 0.035 |

Menu Select model type Select model Change to concentrations Select meas. name Move

For Industries Including:

- Engineering manufacturing.
- Refineries.
- Aviation.
- Steel stock yards.
- Inspection.

Do you have any materials that you need identifying?

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