

# SPECTRO Metal Database



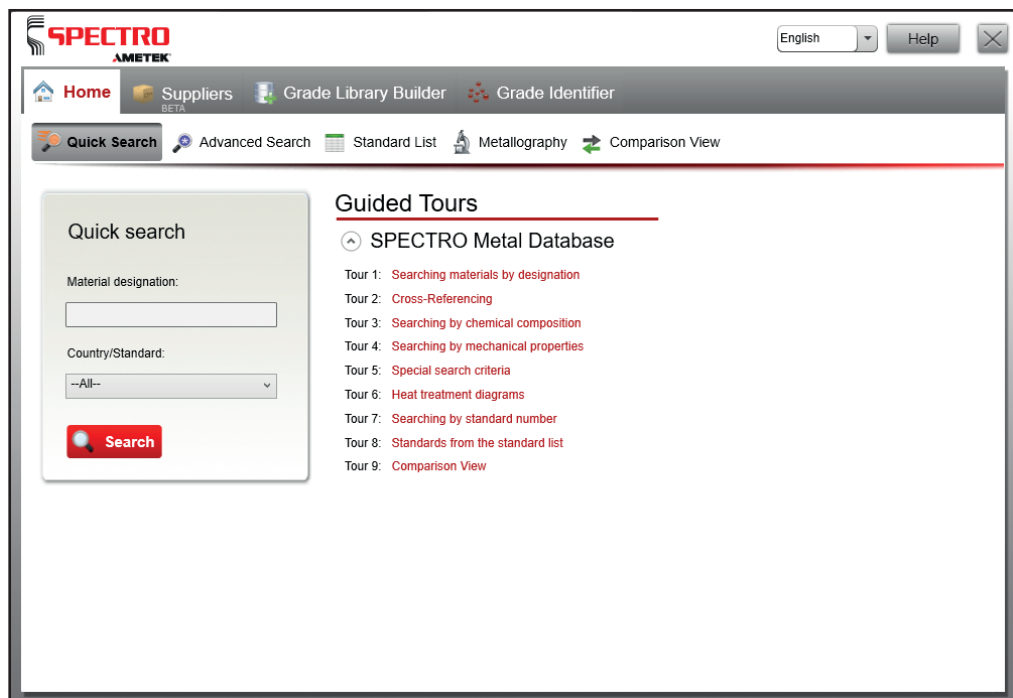
## Comprehensive

- Millions of properties records and thousands of material designations from all major organizations and industrial associations
- Search for mechanical properties or heat treatment details
- Look-up of properties at elevated temperatures or application guidelines
- Using SmartCross to check for equivalent materials (grades)
- Comparison of grade specs side by side in the comparison view
- Replace hours of tedious research with a few clicks on the keyboard

## Easy

- Search within thousands of materials and get the required grade displayed in a few seconds!
- Identification of unknown materials by composition with the Grade Identifier
- Identification of unknown materials by properties with the Advanced Search
- Using Grade Library Builder to export material (grade) specifications for your SPECTROMeter
- Multilingual platform

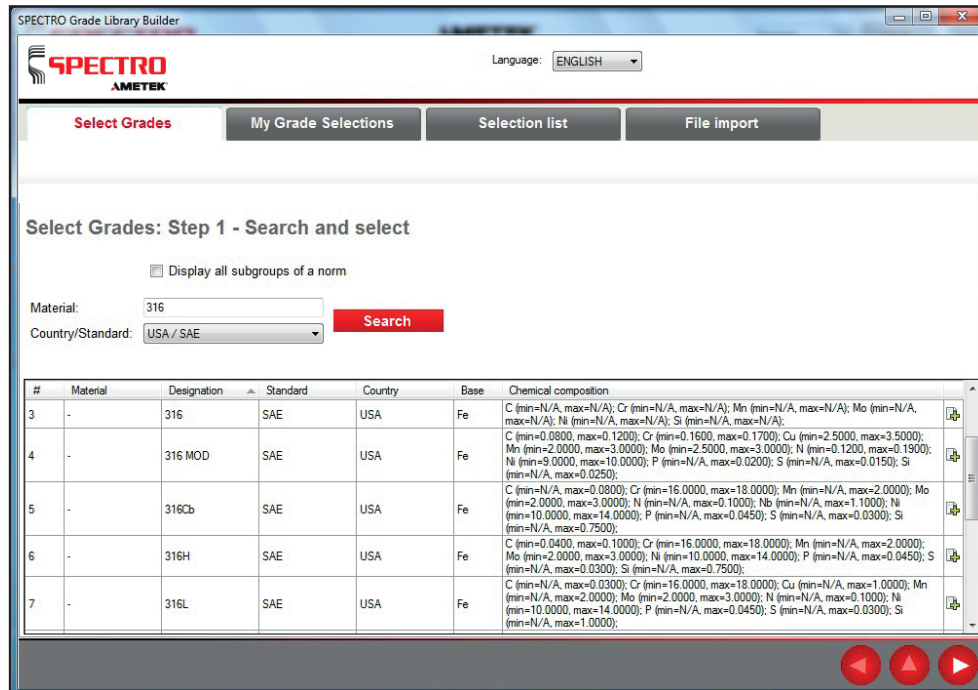
Request your trial version as a download at [gradebase.spectro@ametek.com](mailto:gradebase.spectro@ametek.com)



*SPECTRO Metal Database – your all-in-one tool for detailed information on metals and alloys. Look for mechanical properties, search for adequate alloys or identify an unknown alloy by its chemical composition.*

## SPECTRO Metals Database provides SPECTRO customers with an exclusive combination of benefits:

- **SPECTRO Metal Database**, the comprehensive metals properties database
- **Grade Library Builder**, a special function for the creation and management of Grade Libraries
- **Grade Identifier**, a special function to identify an unknown grade based on its chemical composition



## Grade Library Builder

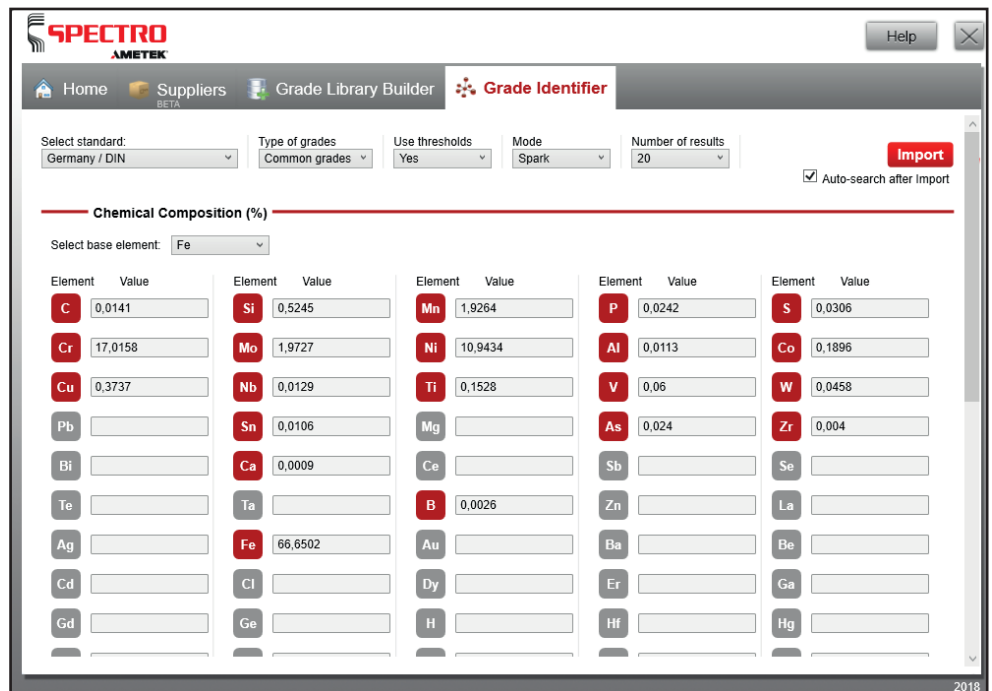
- Create grade libraries for current type of SPECTRO xSORT, SPECTROPORT, SPECTROTEST, SPECTROMAXx and SPECTROLAB
- Manage the grade libraries for your SPECTROmeter: Importing, extending and converting existing grade libraries
- Exporting grade selections to Excel for further processing
- Export grades from the SPECTRO Metal Database to keep the grade libraries on your SPECTROmeter up-to-date (200 exports, upgradeable)

## Grade Identifier

- Helps to identify an unknown grade based on its chemical composition: Manual input or import of previously saved analysis results; XML or ASCII formats of the different SPECTROMeters (please see Grade Library Builder for supported instruments)

SPECTROTEST, SPECTROMAXx and SPECTROLAB:

- SPECTRO Metal Database pre-installed as trial version: limited export (20 exports) of grades from the SPECTRO Metal Database to the instrument by Spark Analyzer software function "Extended grade search"
- Full version: unlimited export



[www.spectro.com](http://www.spectro.com)

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