SPECTRO Metal Database

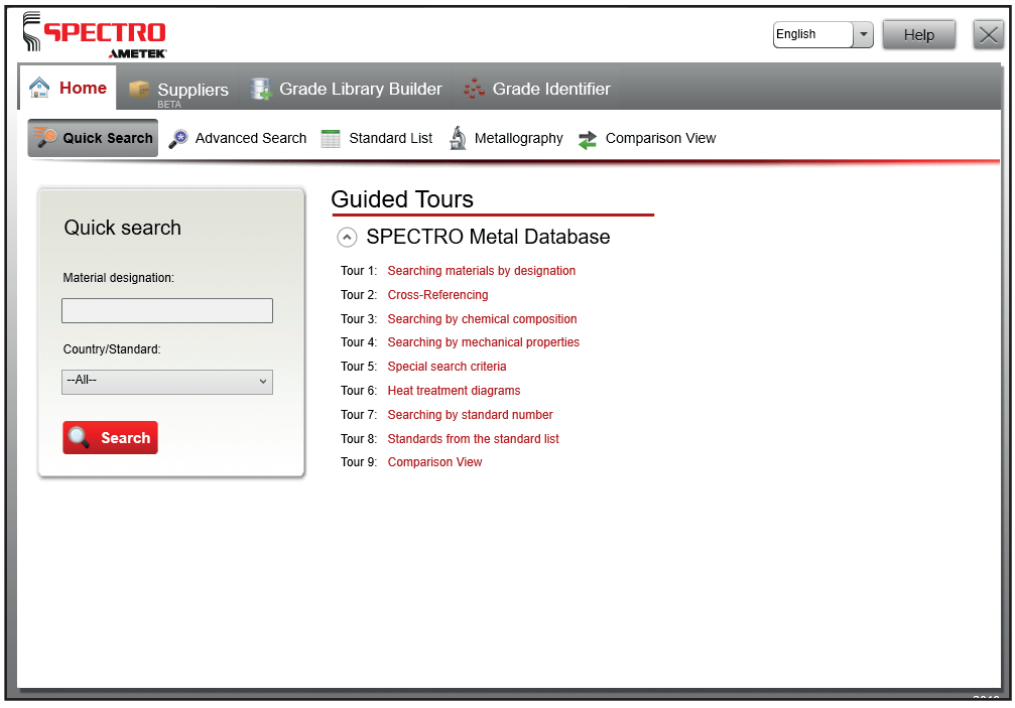
Request your trial version as a download at gradebase.spectro@ametek.com

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

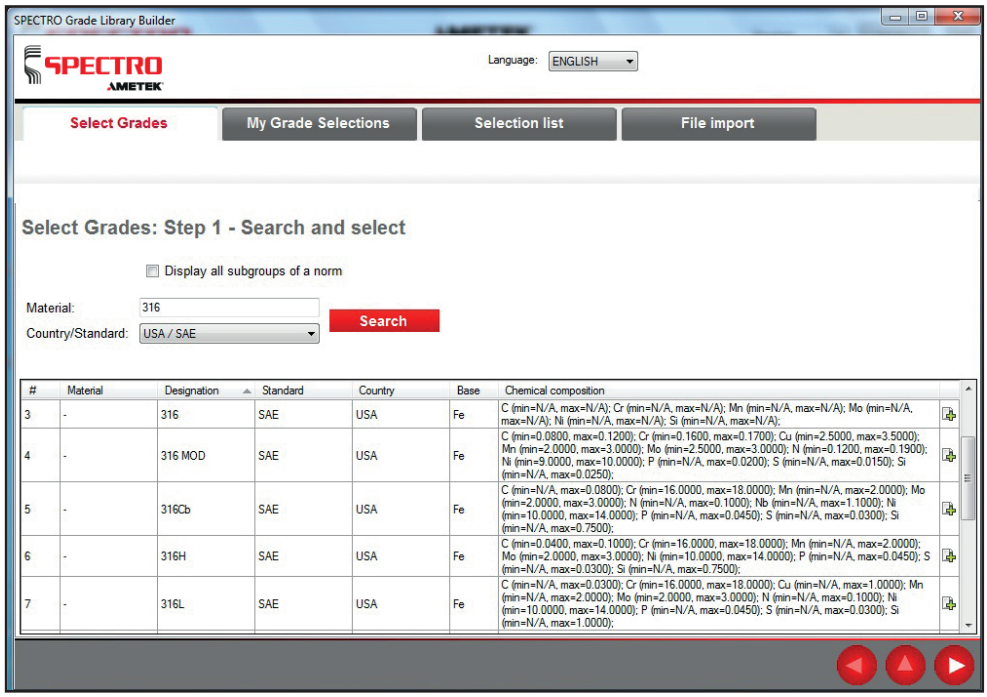


SPECTRO Metal Database – your all-in-one tool for detailed information on metals and alloys. Look for mechanical properties, search for adequate alloys or identify an unknown alloy by its chemical composition.

www.spectro.com

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 Libaries
- **Grade Identifier**, a special function to identify an unknown grade based on its chemical composition



Grade Library Builder

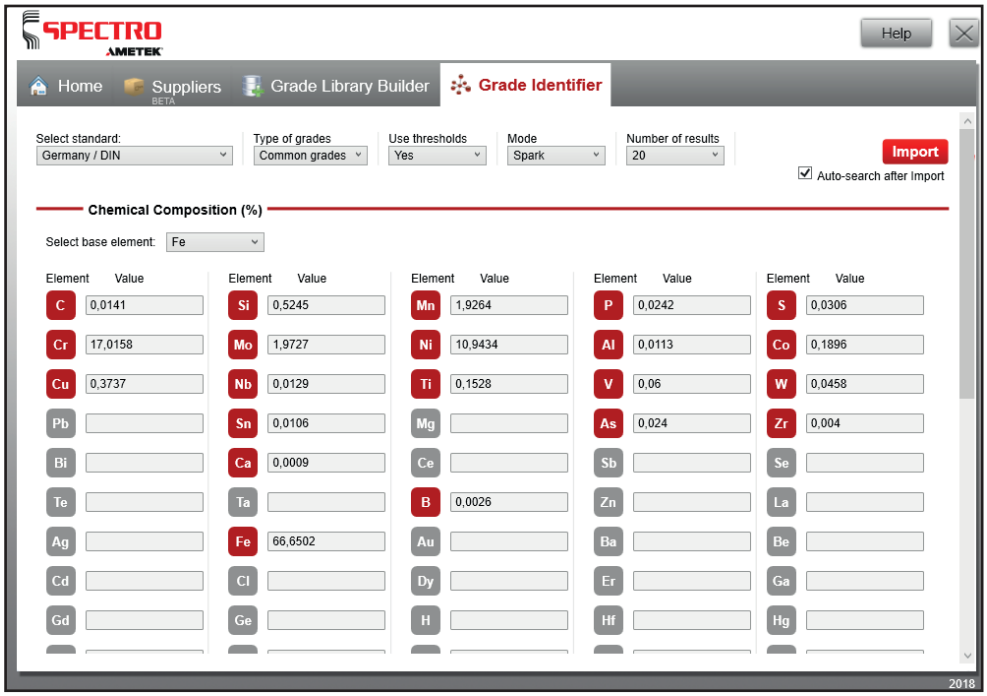
- Create grade libraries for current type of SPECTRO xSORT, SPECTROPORT, SPECTROTEST, SPECTROCHECK, SPECTROMAXx and SPECTROLAB
- Manage the grade libraries for your SPECTROmeter: Importing, extending and converting existing grade libraries
- Exporting grade selections to Excel for further processing
- 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, SPECTROCHECK, 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

GERMANY
SPECTRO Analytical Instruments GmbH
Boschstrasse 10
D-47533 Kleve
Tel. +49.2821.892.0
spectro.sales@ametek.com

U.S.A.
SPECTRO Analytical Instruments Inc.
50 Fordham Rd
Wilmington 01887, MA
Tel. +1 800 548 5809
+1 201 642 3000
spectro-usa.sales@ametek.com

CHINA
AMETEK Commercial
Enterprise (Shanghai) CO., LTD.
Part A1, A4 2nd Floor Building No. 1 Plot Section
No. 526 Fute 3rd Road East; Pilot Free Trade Zone
200131 Shanghai
Tel. +86.400.022.7699
spectro-china.sales@ametek.com

Subsidiaries: ▶**FRANCE:** Tel. +33.1.3068.8970, spectro-france.sales@ametek.com ▶**GREAT BRITAIN:** Tel. +44.1162.462.950, spectro-uk.sales@ametek.com ▶**INDIA:** Tel. +91.22.6196.8200, sales.spectroindia@ametek.com ▶**ITALY:** Tel. +39.02.94693.1, spectro-italy.sales@ametek.com ▶**JAPAN:** Tel. +81.3.6809.2405, spectro-japan.info@ametek.co.jp ▶**SOUTH AFRICA:** Tel. +27.11.979.4241, spectro-za.sales@ametek.com;
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