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.

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

www.spectro.com
Trusted in more than 160 COUNTRIES

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**

**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. +86.400.100.3885, +86.400.189.7733
spectro-china.sales@ametek.com

Subsidiaries: **FRANCE**: Tel. +33.1.3068.8970, spectro-france.sales@ametek.com **GREAT BRITAIN**: Tel. +44.1182.462.950, spectro-uk.sales@ametek.com **INDIA**: Tel. +91.22.6196.6200, 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; SPECTRO operates worldwide and is present in more than 50 countries. For SPECTRO near you, please visit www.spectro.com/worldwide

© 2022 AMETEK Inc., all rights reserved, subject to technical modifications • F-22, Rev. 0 • Photos: SPECTRO, Adobe Stock