

FLUXANA®

XRF Application Solutions

FLUXANA Reference Materials

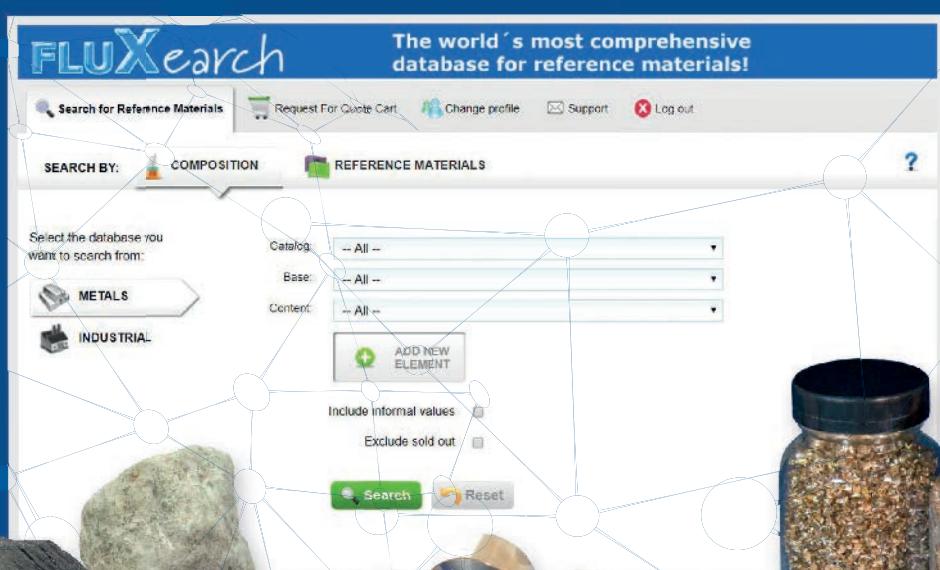
- Produced especially for XRF

Proficiency Tests

- Based on DIN EN ISO/IEC 17043

FLUXearch

- Over 18.000 Reference Materials from producers worldwide in one easy-to-use online database



FLUXANA® Reference Materials

FLUXANA® is a producer of exclusive reference materials. These reference materials are produced especially for the use of XRF and are highest quality standards.

Our catalog contains the following reference materials:

- Cements
- Refractories
- Zeolite
- Plastic ROHS
- Plastic PE
- Gold jewelery alloy for micro XRF instruments
- Gold jewelery alloy for handheld XRF instruments
- Glass



But also **XRF calibration sets** (e.g. cement, raw materials, ash, glass and many more) as well as **XRF drift monitors**, **control samples** and **LOC samples**.



To download our digital catalog please go to our homepage via the following link:

www.fluxana.com/products/reference-materials/crm-catalogs



FLUXearch

Step 1: LOG IN



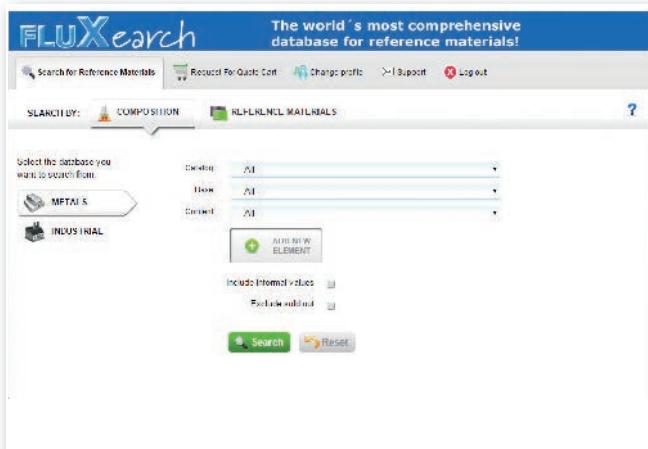
The login interface for FLUXearch. It features a blue header with the text 'The world's most comprehensive database for reference materials!'. Below the header is a form with fields for 'Email/Username' and 'Password', both with placeholder text 'Please, type in your Email/Username and Password'. There is a 'Forgot Password?' link and a 'Logout' button. At the bottom of the form are links for 'Register Here', 'Help', and 'Support'.

You can log in to our portal at www.fluxearch.com.

Just enter your username and password in the required boxes.

When using the system the first time, you will be asked to register. This is a one-time procedure. Further use of our database is **FREE** of charge!

Step 2: SEARCH

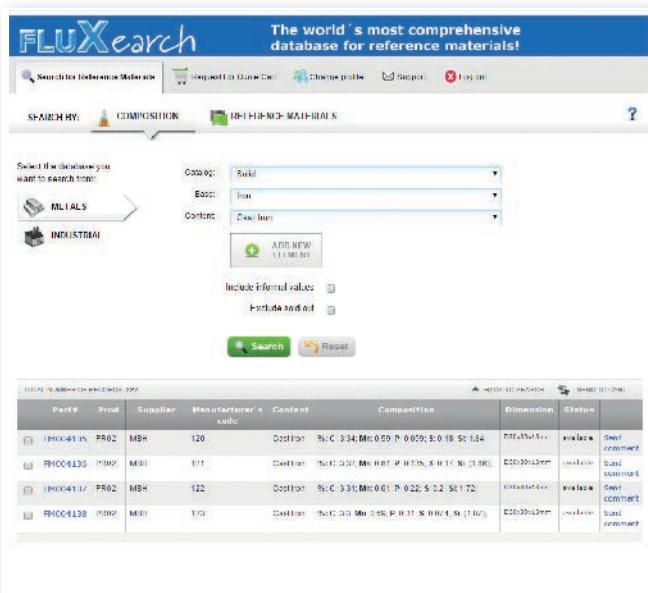


The search interface for FLUXearch. It has a blue header with the text 'The world's most comprehensive database for reference materials!'. Below the header are links for 'Search for Reference Materials', 'Request For Quote', 'Change profile', 'Support', and 'Logout'. The search interface is divided into two main sections: 'SEARCH BY COMPOSITION' and 'SEARCH BY REFERENCE MATERIALS'. Under 'SEARCH BY COMPOSITION', there are dropdown menus for 'Catalog', 'Base', and 'Content', each set to 'All'. There is also a 'ADD NEW ELEMENT' button and checkboxes for 'Include Informal values' and 'Exclude standard'. Under 'SEARCH BY REFERENCE MATERIALS', there are dropdown menus for 'Select the database you want to search from', 'MATERIALS', and 'INDUSTRIAL'. At the bottom are 'Search' and 'Reset' buttons.

Enter the various elements in your material in the designated boxes. Then click **SEARCH**.

Alternatively you can also search an existing reference material. Please choose **SEARCH BY REFERENCE MATERIAL** and fill in the data needed.

Step 3: FIND



The search results interface for FLUXearch. It has a blue header with the text 'The world's most comprehensive database for reference materials!'. Below the header are links for 'Search for Reference Materials', 'Request For Quote', 'Change profile', 'Support', and 'Logout'. The search interface is divided into two main sections: 'SEARCH BY COMPOSITION' and 'SEARCH BY REFERENCE MATERIALS'. Under 'SEARCH BY COMPOSITION', there are dropdown menus for 'Catalog', 'Base', and 'Content', each set to 'All'. There is also a 'ADD NEW ELEMENT' button and checkboxes for 'Include Informal values' and 'Exclude standard'. Under 'SEARCH BY REFERENCE MATERIALS', there are dropdown menus for 'Select the database you want to search from', 'MATERIALS', and 'INDUSTRIAL'. At the bottom are 'Search' and 'Reset' buttons. Below the search interface is a table showing search results. The table has columns for 'Part#', 'Prod.', 'Supplier', 'Manufacturer's code', 'Content', 'Composition', 'Dimension', and 'Status'. There are four rows of data:

Part#	Prod.	Supplier	Manufacturer's code	Content	Composition	Dimension	Status
PH004115	PR02	MBI	120	Cast iron	Si: 0.34; Mn: 0.59; P: 0.029; S: 0.18; Cr: 1.24	100x100x12mm	available
PH004120	PR02	MBI	121	Cast iron	Si: 0.33; Mn: 0.61; P: 0.025; S: 0.17; Cr: 1.00	100x100x12mm	available
PH004117	PR02	MBI	122	Cast iron	Si: 0.33; Mn: 0.61; P: 0.02; S: 0.2; Cr: 1.72	100x100x12mm	available
PH004138	PR02	MBI	123	Cast iron	Si: 0.33; Mn: 0.61; P: 0.01; S: 0.16; Cr: 1.00	100x100x12mm	available

The results of your search are shown in this step.

You have the opportunity to choose from all available and fitting reference materials.

To get a quote on the reference material that suits you best, select the box and click **SEND TO CART**.

The world's most comprehensive database for reference materials!

Step 4: FEEDBACK FLUXANA

After finding and selecting the required reference materials, you may ask for a quote.

Go to the shopping cart and click **REQUEST FOR QUOTE**.

You will then receive a quote from us for the desired reference materials.

Digital Reference Material Catalogs

FLUXANA has summarized a large number of reference materials in catalogs. These catalogs can be downloaded from the FLUXANA homepage via the following link:

www.fluxana.com/products/reference-materials/crm-catalogs

Metal Reference Materials - CHIPS



Metal Reference Materials - SOLID

Aluminium Reference Materials



Certified Reference Materials

Petrochemical Reference Materials



For the sake of the environment all catalogs are only available as **PDF-versions!**

Proficiency Tests for XRF

FLUXANA® is an international provider of proficiency testing. We regularly offer proficiency testing for X-ray fluorescence analysis based on **DIN EN ISO/IEC 17043**.

By participating in the proficiency testing, customers compare their analytical methods and test procedures with other international laboratories. We offer different proficiency tests for typical X-ray fluorescence analysis (XRF). In keeping with state-of-the-art technology, we apply „robust statistics“ for our evaluation method.

Advantages for XRF users:

- Testing and improvement of XRF analyses
- Inter-laboratory comparisons
- Certificates for customers and accreditors
- Training and development for employees
- Presented results are treated anonymously
- Participation certificate with assessment as required

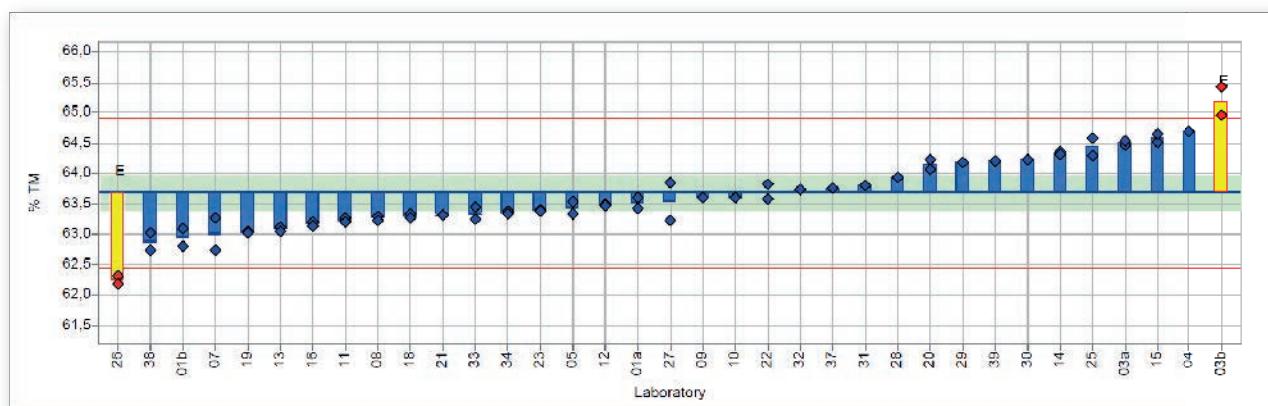


You conduct your own proficiency testing?

Then let us conduct a **professional evaluation** with “robust statistics” in compliance with **DIN 38402-45** and **ISO/TS 20612**.

For more information visit our homepage here:

www.fluxana.com/services/proficiency-testing





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Finanzamt Kleve

Official agent