

Advertisements

Your expert partner in metals testing

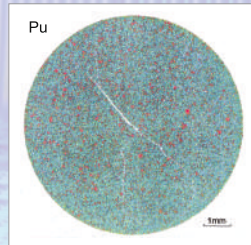


Zwick / Roell

World-leading Solutions for Elemental and Isotopic Analysis of Nuclear Materials

SKAPHIA

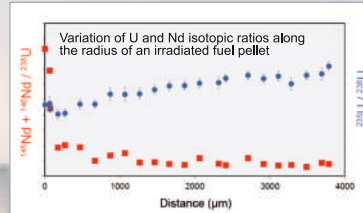
Derived from CAMECA's state-of-the-art **Electron Probe MicroAnalyzer (EPMA)**, SKAPHIA provides a safe environment for manipulating and analyzing radioactive samples together with benchmark analytical performance. It allows nuclear scientists to gain a deeper understanding of fuel performance, to explore irradiated material behavior and radiation damage processes, to develop innovative alloys and structural materials, to optimize the nuclear fuel cycle and to achieve better nuclear waste management.



EPMA

Shielded IMS

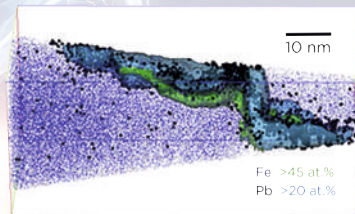
The CAMECA magnetic sector **Secondary Ion Mass Spectrometers (SIMS)** offer unique analytical advantages for the study of nuclear materials: high sensitivity (low detection limits) for several elements of interest, depth profiling with high dynamic range, ion imaging with sub- μm resolution, and true band-pass energy filtering for removal of mass interferences. Derived from the IMS xf series, the Shielded IMS offers all necessary protections against radiation and alpha contamination while ensuring benchmark SIMS analytical performance.



SIMS

LEAP[®] 5000

Providing quantitative compositional analysis with sub-nanometer spatial resolution in three dimensions, the CAMECA LEAP **Atom Probe Tomography (APT)** microscopes are especially well suited for studying the stability of alloys used in the nuclear industry which are subject to extreme temperature, pressure and ion bombardment.



APT



SINCE 1989

SYSTEMS & SOLUTIONS FOR MATERIALS TESTING

ABS Instruments Pvt. Ltd. – Materials Testing Systems & Solutions and NABL (ISO 17025) accredited calibration lab:

We provide installation, training and after sale services for European technology leaders in the field of materials testing. We also have a calibration laboratory accredited to NABL for the calibration of force, hardness, extensometers and impact testers.

RUMUL - Electromagnetic Resonance Fatigue Testing Machine:

EMR machines are ideal for High cycle fatigue (Up to 1000 Hz), crack growth or pre-cracking applications. They can also be used to perform fatigue failure analysis on automotive components, chains, re-bars, gears etc.

Kammrath & Weiss – Micro Tensile, Heating and Cooling stage:

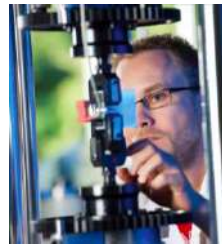
Kammrath & Weiss offer Micro tensile, compression, bending and cyclic stages from Germany for use in scanning electron microscopes, atomic force microscopes, optical microscopes etc. Load ranges start from micro Newtons up to 15 kN. Temperature testing ranges from 5 kelvin to 1,500°C.

Walter + Bai AG – Static and dynamic tensile and fatigue machines:

Designed to evaluate the mechanical properties in static, quasi-static and dynamic (fatigue) loading of materials, components, manufactured assemblies or finished goods. w+b offers the wide selection of different models from small table top units, floor-standing machines up to high force capacity systems to test the wide spectrum across material testing.

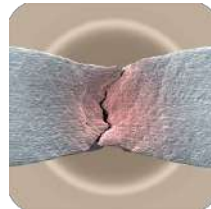


RUSSENBERGER PRÜFMASCHINEN AG



Kammrath Weiss Tech. 

Special Developments for Microscopy



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w+b walter+bai ag
www.walterbai.com Switzerland



**Address: Unit 21, Block I, SIDCO Electronic Complex
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World leadership
in nuclear technology.

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Manipulators for Ultrasonics & Radiography:

- ** For through Transmission & Pulse Echo
- ** Contact & aircoupled method
- ** Immersion & Squirter method
- ** For Industrial applications
- ** For Microfocal Radiography
- ** Remote operation
- ** Multi axis control



Manipulators for Remote Handling:

- ** For In-cell operation
- ** Hazardous material handling
- ** Complete SS construction
- ** Up to 8 degrees of freedom
- ** Remote operation with pendant
- ** All electric drives with grip force sensing.



Manipulators for Pin Handling & Pin Shearing Machines:

- ** For pin handling
- ** Pin Shearing machines
- ** Remote operation



Electro-mechanical miniature Specimen Testing Machines.

In-Cell cranes, In-Cell Dimensional measurement and LASER Dismantling machine etc.,

Developed and Manufactured at:



Eltel Shieldings & Enclosures,
#21, Sri Venkateshwara Nagar, Jakkur Post,
Yelahanka, Bangalore – 560 064.
Ph. No: +91 80 2953 4158,
Mobile. No: +91 93419 35358
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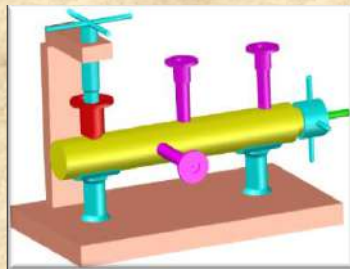
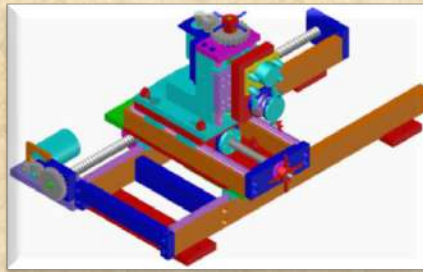
WITH THE BEST COMPLIMENTS
FROM

M/S. KALKIS

PLOT NO- 862/1, 64TH STREET, 10TH SECTOR, K.K.NAGAR,
CHENNAI-600078.

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PHONE NO- +91 9176628145.



DESIGN & FABRICATOR OF ALL KINDS OF STAINLESS STEEL
REMOPLY OPERABLE HOT CELL EQUIPMENTS.

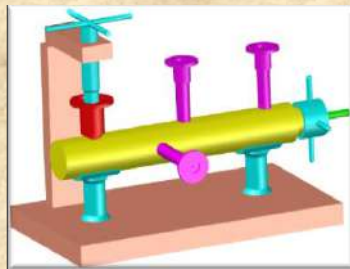
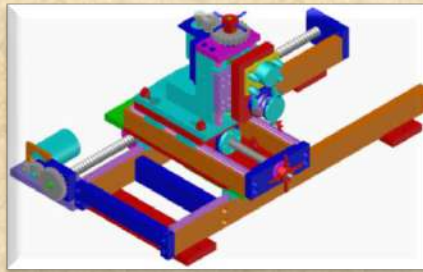
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