

## Application Support

- online by remote control
- on site in your laboratory
- remotely from Fluxana's laboratory

Installation of the complete analytical method for you, on your XRF instrument, followed with method support and maintenance.



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Official agent

Periodic Table of Fusion																																																																																																					
Z	A																4.003																																																																																				
Symbol	B	C	N	O	F	Ne												He																																																																																			
Element	Al	Si	P	S	Cl	Ar																																																																																															
Ox>El Oxid El>Ox	Al	Si	P	S	Cl	Ar																																																																																															
1 1.008 H Hydrogen	3 6.941 Li Lithium	4 9.012 Be Beryllium	5 10.811 B Boron	6 12.011 C Carbon	7 14.007 N Nitrogen	8 15.999 O Oxygen	9 18.998 F Fluorine	10 20.183 Ne Neon	11 22.990 Na Sodium	12 24.305 Mg Magnesium	13 26.982 Al Aluminum	14 28.086 Si Silicon	15 30.974 P Phosphorus	16 32.066 S Sulfur	17 35.453 Cl Chlorine	18 39.948 Ar Argon	19 39.098 K Potassium	20 40.078 Ca Calcium	21 44.956 Sc Scandium	22 47.88 Ti Titanium	23 50.996 V Vanadium	24 51.996 Cr Chromium	25 54.938 Mn Manganese	26 55.847 Fe Iron	27 58.933 Co Cobalt	28 58.933 Ni Nickel	29 63.546 Cu Copper	30 65.39 Zn Zinc	31 69.723 Ga Gallium	32 72.61 Ge Germanium	33 74.922 As Arsenic	34 78.96 Se Selenium	35 79.904 Br Bromine	36 83.80 Kr Krypton	37 85.468 Rb Rubidium	38 87.62 Sr Strontium	39 88.905 Y Yttrium	40 91.224 Zr Zirconium	41 92.906 Nb Niobium	42 95.940 Mo Molybdenum	43 98.906 Tc Technetium	44 101.07 Ru Ruthenium	45 106.42 Rh Rhodium	46 107.868 Pd Palladium	47 107.868 Ag Silver	48 112.411 Cd Cadmium	49 114.82 In Indium	50 118.71 Sn Tin	51 121.75 Sb Antimony	52 127.60 Te Tellurium	53 126.904 I Iodine	54 131.29 Xe Xenon	55 132.905 Cs Cesium	56 137.327 Ba Barium	57 178.49 La Lanthanum	58 140.115 Ce Cerium	59 140.908 Pr Praseodymium	60 144.24 Nd Neodymium	61 146.915 Pm Promethium	62 150.36 Sm Samarium	63 151.965 Eu Europium	64 157.25 Gd Gadolinium	65 158.925 Tb Terbium	66 162.50 Dy Dysprosium	67 164.930 Ho Holmium	68 167.26 Er Erbium	69 168.934 Tm Thulium	70 173.04 Yb Ytterbium	71 174.967 Lu Lutetium	72 178.49 Hf Hafnium	73 180.948 Ta Tantalum	74 183.85 W Tungsten	75 186.207 Re Rhenium	76 190.2 Os Osmium	77 192.22 Ir Iridium	78 195.08 Pt Platinum	79 196.967 Au Gold	80 200.59 Hg Mercury	81 204.383 Tl Thallium	82 207.19 Pb Lead	83 208.980 Bi Bismuth	84 208.982 Po Polonium	85 209.987 At Astatine	86 222.018 Rn Radon	87 223.02 Fr Francium	88 226.025 Ra Radium	89 227.028 Ac Actinium	90 232.038 Th Thorium	91 232.038 Pa Protactinium	92 238.029 U Uranium	93 237.048 Np Neptunium	94 244.064 Pu Plutonium	95 243.061 Am Americium	96 247.07 Cm Curium	97 247.07 Bk Berkelium	98 251.079 Cf Californium	99 252.083 Es Einsteinium	100 257.10 Fm Fermium	101 258.10 Md Mendelevium	102 259.10 No Nobelium	103 260.10 Lr Lawrencium

## Full and efficient use of your XRF instrument

### Online support by remote control techniques

1. Analytical support by fast and safe internet connection
2. Fast response to analytical problems
3. Full support from our expert XRF team
4. Analytical maintenance of Fluxana packages or your own analytical methods
5. Periodic instrument stability check
6. Drift correction control
7. Calibration support:
  - Supply of standards
  - Measurement parameter setup
  - Calibration evaluation support (e.g. matrix / line overlap corrections)
  - Drift correction setup
  - Method validation
8. Sample preparation support
9. Integration into your quality management system
10. Cost saving with rapid support from our XRF specialists



Vulcan 4MA



### Working with you in your laboratory

1. Setup and maintenance of fluxana packages or your own analytical methods
2. Consultation in sample preparation techniques
3. Consulting in XRF analytical methods
4. Training your people
5. Increasing analytical efficiency and saving cost

## Laboratory services

1. Fully equipped for sample preparation and analysis with:
  - pressed powder techniques
  - fused bead techniques
  - liquids
2. Sample preparation for soft and hard materials
3. WDXRF equipment for measurement to highest precision under vacuum and helium
4. EDXRF equipment for trace element measurement
5. Standardless analytical software for screening

### Quantitative calibration packages available for:

#### ■ Cement Industry:

Cement  
Clinker  
Raw meal

#### Raw materials:

Clay, Limestone, Sand, Iron,  
Gypsum, Bauxite, Fly ash



#### ■ Raw Materials:

Sand  
Gypsum  
Lime stone  
Ashes  
Pozzolana, etc.



#### ■ Mining:

Rocks ores, etc.

#### ■ Glass Industry:

Production control of glass

#### Raw materials:

Calumite, Nepheline, Sosa,  
Sand, Anhydrite, Limestone, etc.



#### ■ Steel and Metal Industry:

Slags  
Filter dusts  
Ferro-Alloys  
Continuous casting powder, etc.

#### Raw materials:

Ores



### Send us your samples for analysis.

We provide you with a professional and confidential analytical service.