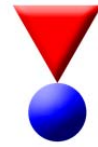


Probe Software

Probe Software, Inc.
885 Crest Drive
Eugene, OR 97405 USA
(541) 343-3400
sales@probesoftware.com
www.probesoftware.com



Software for MicroAnalysis

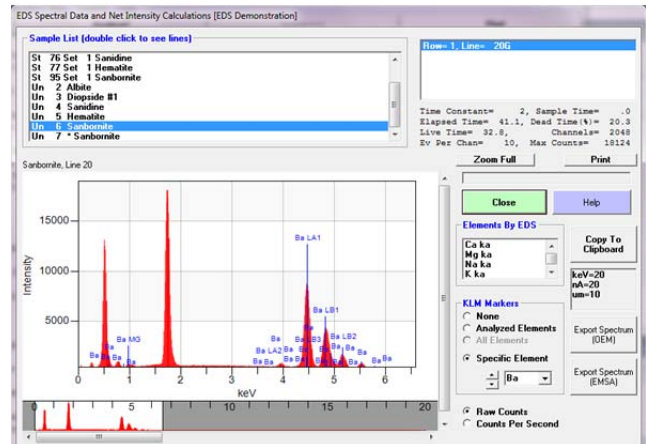
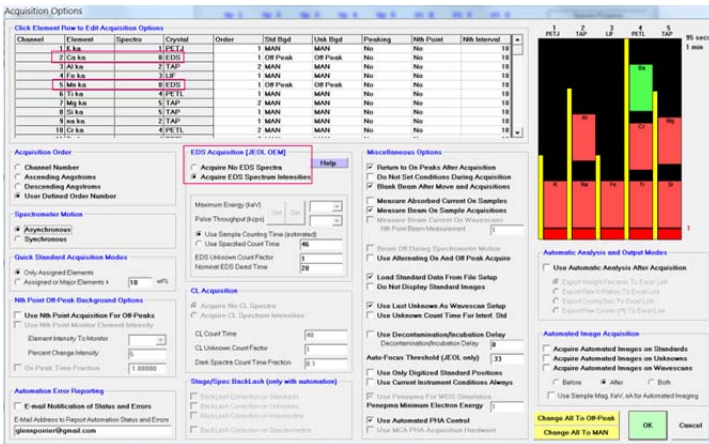
Probe for EPMA

Probe Image

PictureSnapApp

Full Quant EDS/WDS Integration

Probe for EPMA now provides full EDS-WDS integrated quantification with JEOL (OEM), Bruker (Esprit) and Thermo (NSS or PathFinder) EDS hardware!



Easily acquire WDS elements and EDS full spectra for complete integrated quantification using Probe for EPMA. Full standards based, background, matrix and interference corrections included. For example, Si and Ca by WDS and Fe, Mg and Al by EDS shown here:

St 162 Set 5 NBS K-411 mineral glass, Results in Elemental Weight Percents

| ELEM: | Si | Ca | Fe | Mg | Al | Mn | O |
|-------|-------|-------|-------|-------|-------|------|------|
| TYPE: | ANAL | ANAL | ANAL | ANAL | ANAL | SPEC | SPEC |
| BGDS: | LIN | LIN | EDS | EDS | EDS | | |
| TIME: | 24.00 | 24.00 | 24.00 | 24.00 | 24.00 | --- | --- |
| BEAM: | 30.01 | 30.01 | 30.01 | 30.01 | 30.01 | --- | --- |

| ELEM: | Si | Ca | Fe | Mg | Al | Mn | O | SUM |
|-------|--------|--------|--------|-------|------|------|--------|---------|
| 29 | 25.602 | 11.248 | 11.468 | 8.688 | .072 | .077 | 43.558 | 100.714 |
| 30 | 25.152 | 11.091 | 12.316 | 8.571 | .001 | .077 | 43.558 | 100.766 |

| | | | | | | | | |
|-------|--------|--------|--------|-------|--------|------|--------|---------|
| AVER: | 25.377 | 11.170 | 11.892 | 8.630 | .036 | .077 | 43.558 | 100.740 |
| SDEV: | .319 | .111 | .600 | .083 | .050 | .000 | .000 | .037 |
| SERR: | .225 | .079 | .424 | .059 | .036 | .000 | .000 | |
| %RSD: | 1.26 | 1.00 | 5.04 | .96 | 138.68 | .00 | .00 | |

| | | | | | | | | |
|-------|--------|--------|--------|-------|--------|------|--------|---------|
| PUBL: | 25.382 | 11.057 | 11.209 | 8.847 | .053 | .077 | 43.558 | 100.183 |
| %VAR: | -.02 | 1.02 | 6.10 | -2.45 | -31.64 | .00 | .00 | |
| DIFF: | -.005 | .113 | .683 | -.217 | -.017 | .000 | .000 | |
| STDS: | 160 | 160 | 160 | 160 | 160 | --- | --- | |

Perform simultaneous EDS quantification on your major elements, and WDS quantification of minor and/or trace elements easily using your existing EDS hardware!

Contact: John Donovan, donovan@probesoftware.com or call (541) 343-3400 for more information.