TEM Enquiry Form

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| **1: Customer Information** | |
| Name: |  |
| Company: |  |
| Address: |  |
| Phone: |  |
| Email: |  |

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| **2: Testing Requirements** | | |
| Brief Sample Descriptions: |  | |
| Number of Samples: |  | |
| Sample Form: |  | |
| Special Attention: | If others, please specify: | |
| Sample Storage: | If others, please specify: | |
| TEM Voltage: |  | |
| Service Overview: | Sample Preparation: |  |
| Testing Service: |  |
| Service Details: | If require additional sample preparation steps, please specify the details. | |
| Default TEM testing services. Will provide 10-12 images from 3-4 different locations for each sample. Any other requirements, please specify below: | |
| No HRTEM and SAED by default. Please specify your requirements if any. | |
| Please specify elements of interest if require EDS tests. | |
| Reference Images: | If possible, please provide related reference images from your previous tests or from literature papers, documents, internet, etc, to help us understand your requirements. | |
| Delivery Time: |  | |
| Sample Handling After Tests: | Note: Additional charges to send back the sample to user. | |
| Remarks: | * Note that the sample may not be as good as you expected. We can only do our best based on the samples provided. * For TEM imaging, we will provide 10-12 images with different magnifications from 3-4 locations to give better overviews of the sample. | |

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| **3: Important Notes on Sample Preparation** | | |
| Nanomaterials / Powders | | Dispersible in alcohol. |
| Ion Thinning | Ductile Metal | Including Al, Cu, Fe, Ni, Ti metal and their alloys. |
| Ductile Metal | Mg and its alloys. |
| Hard Metal and Ceramics | Including ceramic, metallurgical samples with hardness lower than Al2O3 |
| Ultrahard Materials | Including Al2O3, MgO, SiO2, SiC, Si3N4 and others with hardness lower than SiC; Thickness should be less than 60 um. |
| Mechanical Thinning | Thick Samples | Samples thicker than 60 um without holes. |
| Wire Cutting | Bulk Conducting Samples | Samples thicker than 1 mm. |
| Cross-section for thin film sample | On Si substrate | Require 2 pcs of samples (3 ╳5 mm) |
| On metal substrate | Require 2 pcs of samples (3 ╳5 mm) |
| On other substrate | Substrates including MgO, SrTiO3，SiO2，Al2O3, excluding BN, diamond. |
| Specific location thinning | Metal samples | For example, the welding seam, [adiabaticshearband](http://cn.bing.com/dict/clientsearch?mkt=zh-CN&setLang=zh&form=BDVEHC&ClientVer=BDDTV3.5.0.4311&q=%E7%BB%9D%E7%83%AD%E5%89%AA%E5%88%87%E5%B8%A6). |

Please email the completed form to: [info@nano-bazar.ir](mailto:info@nano-bazar.ir) ;

Call us at +98-9335027837 if you have any questions.

----------THE END----------