



## Slag Sampling

The MINKON Slag Sampler is a major step forward in the analysis of slag.

Using MINKON slag samplers, results are possible within 3-5 minutes, giving the steelmaker the opportunity to effect immediate slag treatment to improve the steelmaking process.

The slag sampler is immersed into the liquid slag and yields a solid coin sample which can be instantly analysed either by laser spectrometry or X-ray.



### Innovation in Slag Analysis

The application of the MINKON Slag Sampler enables quick slag analysis. The time from taking the sample to the reported analysis is comparable to steel analysis, indeed faster as no sample preparation is required. Sample to analysis time can be around 3 to 5 minutes giving the steel-maker the possibility of immediate process corrections.

As slag sample preparation is not required there is reduced laboratory running costs and the sample can be handled by modern automated laboratory equipment.

The sampling method is safer and more reliable than the traditional routine of immersing steel rods or chains and can be used on automatic sampling hoists.

Applications include blast furnace slag runners, steel converters, ladles and secondary steelmaking plants.