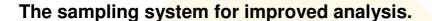# MINKON Pro-AS Sampling System.

The MINKON Pro-AS sampling system gives extremely reliable and representative sample quality.
Originally developed as an essential device for high quality steelmakers it has also proved an invaluable tool for all producers requiring clean and highly representative samples.
The initial argon purge removes contamination from the sample fill area (slag, capping material, insulation powder etc.), before a vacuum is applied to allow the sample to fill with clean molten metal.

The sampling system for improved analysis.

❑ Argon stirred sampling provides more clean, representative and homogeneous samples in comparison to standard sampler applications. The higher sample quality enables the steel producer to stay closer to specifications, allowing production of steel qualities unattainable using standard sampling methods with analysis variation.

❑ The system is especially recommended for ULC- and alloy steel melts, where typically the contamination and dilution effects have a significant impact on the validity of analysis.

❑ The improved sample surface gives better sample yield and reduces the typically required grinding depth from 1 mm to 0,3 mm.

❑ Experience shows that in particularly difficult conditions where the metal is close to liquidus temperature, the Pro-AS system gives better sampling performance. The fill entry is preheated during the stirring phase, which reduces the risk of the fill pin freezing before the sample chamber is full.

❑ The automatic control system minimises the effect of operator error and improves the yield of 'good samples'.

Minkon ProAS System
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Argon Stirring
Sucking