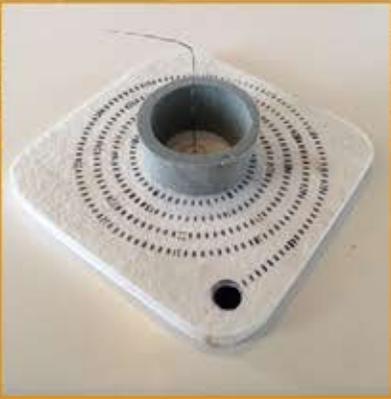


BRYNE



LOOP is ready for measurement. In less than one minute LOOP gives you the result.



The measuring scale gives a quick and accurate answer on the metal quality.

Let us sharpen you.

Do you have an optimized melting process today? Do you have the best arguments for sales of your new products? Bryne AB sharpens products, individuals and companies. Bryne AB is a turnkey supplier of a technical expertise and analysis services. We offer metal and casting education for both your business and your customers.

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First think twice.

Bryne AB is a development company in the field of materials and manufacturing technology with focus on problem solving in the casting industry. Located in Diö in the south part of Sweden Bryne AB offers its knowhow along its innovative analysing tool LOOP.

LOOP can increase your competitiveness in a simple fast and easy way. Bryne AB offers its technical expert support as a complete offer together with LOOP, to sharpen your company.



BRYNE

Let us sharpen you.

LOOP is one-time-use analysing tool ensuring metal quality before casting. LOOP is fast, easy-to-use and accurate. LOOP detects if the metal has the right quality or if adjustments are needed before casting. LOOP is a patented innovation developed by Bryne AB.

In one simple way you can increase the control of the casting process and thus prevent shutdown and complaints. By using LOOP considerable savings can be made both for the environment and for your wallet. Let Bryne sharpen you.



LOOP -the analysis tool.

The analysis tool LOOP is a one-time-use tool made of alkaline earth silicate material (AES).

LOOP is delivered in three parts that after a fast assembly is ready to use. The casting operator fills the melted metal into the filling part and measure the temperature by a thermometer.

Then the operator opens the inlet of the tool. In a few seconds the metal has flown into the spiral and is solidified. The length that the metal travels before solidifying is then measured. The travel length appears directly on the printed scale and is a value of the metal quality. The analyzed metal can after the analysis be separated from the tool and recycled.

The benefits of using the LOOP.

LOOP is a unique tool to easily establish metal quality before casting. By reducing the number of defect castings, cost savings can be made. In addition, direct savings in energy, manpower, machine hour, and more are done.

Long-term savings include cutting indirect costs like the complaint handling and customer's attitude but also increasing the product quality and product competitive advantages.

In addition, LOOP is an instructive tool to demonstrate the benefits of right metal handling. A better control of the casting process will give the possibility to increase the amounts of recycled metal within the cast shop, without any negative effects on the quality.

By controlling the metal before casting huge savings can be made. Simply - First think twice.



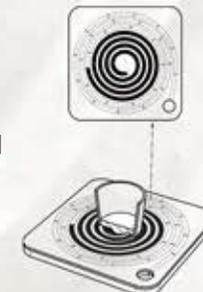
1. LOOP is delivered as three parts which are assembled ready to use in less than one minute.



2. Pour the melt metal in the filling part.



3. At a specified temperature pull the plug and the metal will drain down a spiral.



4. The metal solidifies in a measuring spiral. The length that the metal travels can be read on a printed measuring scale.