

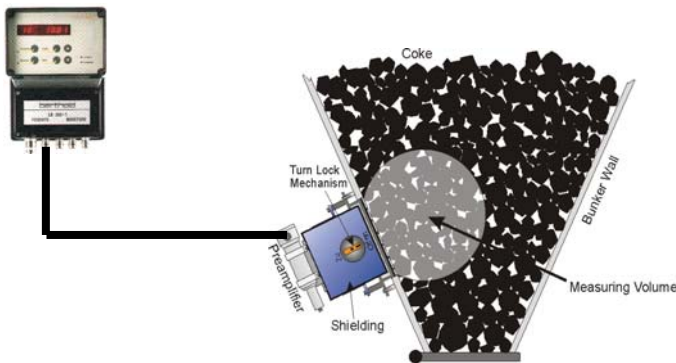
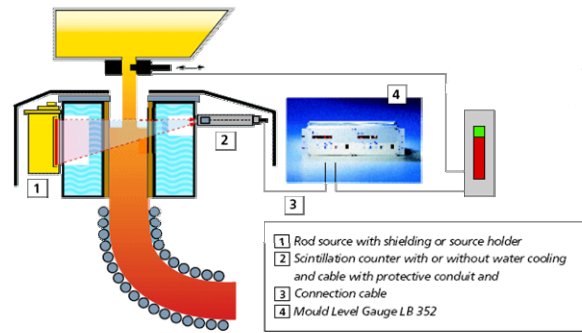


## Measurement Solutions for Steel Industry

For over 50 years, Berthold Technologies has been the world leader in measuring mold level with over 3,500 strands worldwide as well as producing systems for measuring in coke, sinter and iron ore. In addition, the company offers a wide range of non-contact measurements for bulk flow, pickling acid analysis and hopper level. Reliability, repeatability, and a continued focus on customer support and satisfaction have made Berthold a standard in the steel industry on a global scale.

Berthold Technologies supplies three specialized products for our steel producing customers.

The first is the **LB 352 Mold Level gauge**. Used throughout the industry, the LB 352 uses highly sophisticated and extremely rugged scintillation detectors to measure the level of steel in molds. By using these highly sensitive and patented detectors, Berthold Technologies can use extremely low radiometric sources and still deliver superior and fast measurement performance.



The **LB 350 Neutron Moisture Meter** is fast becoming the Industry standard for moisture measurement in a variety of processes and conditions. Some of the applications currently in use are those for Coke, Sinter and Iron Ore. Available in both insertion probe and surface mount models, the LB 350 can provide highly accurate measurements down 0.5% moisture.

The **LB 3375D-de Pickling Analyzer** saves Millions of Rupees annually by continuously controlling the acid and iron content of pickling baths used to remove surface scaling of hot-rolled carbon steel strip. This on line control optimizes the surface quality of the steel strip while minimizing acid consumption. Excellent correlation between laboratory values avoids time consuming sample taking (after initial calibration). The analyzer is in continuous use as well as push pull lines. Berthold's patented dual energy measurement is in use in steel mills throughout the world using both Hydrochloric and Sulfuric acid processes.

