



Together We Define the Future



Measuring Lance Manipulator (MLM)

Sampling and Measurements



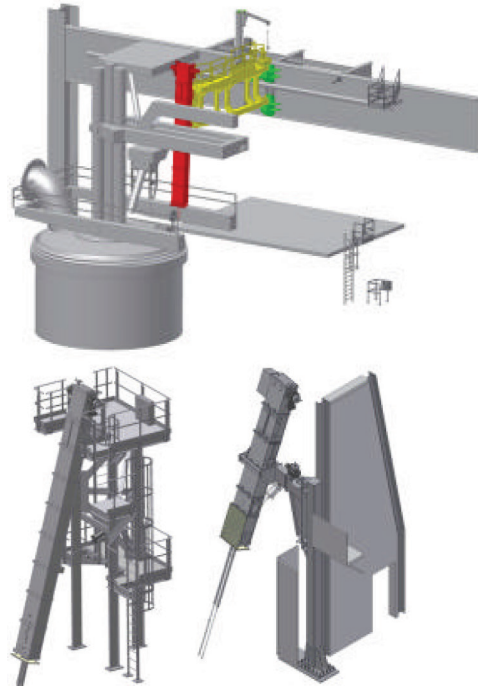
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The design of the **Measuring Lance Manipulator** provides maximal flexibility and can be adapted to customer's needs. The manipulator is of a modular design and can be used as a base for various measuring concepts on different locations. The system has versatile mounting possibilities with a rapid coupling exchange system.

Measuring Lance Manipulator MLM-O

- Vertical immersion of probe
- Long lifetime and almost maintenance free operation
- Stroke of up to approx. 6 m
- Longer strokes are possible on the specific request of the customer
- With one or two lances
- Quick connect for easy lance exchange
- Measurement as well as sampling
- Chain drive with carriage and position control by encoder
- Wired to terminal box or fully equipped with automation system based on PLC in main control cabinet, with local control box and remote control panel
- Interfaces for level 2 communication (e.g. Ethernet, ProfiBus DP etc.)
- Heat shield – depending of the location of the MLM
- At LF, Tundish, EAF, VD/VOD



More than 60 units successfully in operation worldwide

Measuring Lance Manipulator MLM-C and MLM-V

Optional additional characteristics to MLM-O

- Special housing for installations in heavy duty environment

Measuring Lance Manipulator MLM-V

- Special designed for measurements and sampling under vacuum

