

# PolySAMPLE EAF

Automatic EAF sampling & measurement robot



## ABOUT THE SYSTEM:

MANUAL LOADING OR FULL AUTOMATIC

HEAVY-DUTY STAINLESS STEEL PROTECTION  
WITH CERAMIC FIBER INSULATION

MORE THAN 20 MACHINES INSTALLED

ADVANCED ALGORITHM FOR COLLISION  
DETECTION TO GUARANTEE SAFETY

## USEFUL TO KNOW:

SAFETY | EFFICIENCY | ENERGY SAVING

RELIABLE FEEDBACK ON YOUR PRODUCTION

EFFICIENCY REPORT BY SHIFT, WITH MONTHLY  
& DAILY STATISTICS ON REQUEST

4.0 FACILITATION CERTIFIABLE

## AVAILABLE:

**PolyEYE:** 360° inspection cameras after tapping

**PolyCLEAN:** Automatic cell for cartridge's  
sample extraction and weighting

**PolyLAB:** Automatic cell for steel samples  
preparation & analysis

## TECHNICAL INFORMATION

- Dynamic parameterization of inclination, height and speed on molten steel.
- Cycle Time for cartridge charge up to 35 sec.
- Cycle Time for sampling and measurement up to 20 sec.
- Cartridge warehouse 3 columns x 20 pieces each
- Robot working range up to 3500 mm.

Technical support is always available but...  
**TAKE CARE OF YOUR ROBOT!**

Polytec suggests you to take care of robotic cells dedicating a couple of hours, once a week, to clean and to check most relevant components/ tools. Once a year, a one-day BM Service is worth.

Writing to [service@bmgroup.com](mailto:service@bmgroup.com) you can reserve the best time, according to production plans.

**HMI USER FRIENDLY**

**VPN REMOTE ACCESS & ASSISTANCE**

**SPECIAL SOFTWARE FUNCTIONALTIES FOR HOMING RECOVERY**

**MULTITOOL FOR OFFLINE LANCE MAINTENANCE**

