



02 POLYSAMPLE EAF

Automatic temperature
measurement and sampling
robot for EAF

TECHNICAL SPECIFICATIONS

SAMPLING AND MEASUREMENT CYCLE TIME	< 20 S
TIME BETWEEN 2 MEASUREMENTS/SAMPLINGS	< 70 S
CARTRIDGE INTERNAL DIAMETER	39 MM
ADAPTABLE MEASUREMENT DEPTH INSIDE THE STEEL BATH	INCLUDED
AXIS TEMPERATURE MONITORING AND AIR COOLING SYSTEM	INCLUDED
PROTECTIVE HARD COVER FOR THE ROBOT	INCLUDED
WATER COOLED TOS LANCE FOR REDUCED MAINTENANCE	INCLUDED
VPN REMOTE ACCESS AND MAINTENANCE	INCLUDED
USER-FRIENDLY HMI INTERFACE	INCLUDED
AUTOMATIC CARTRIDGE LOADING AND UNLOADING	OPTIONAL
CARTRIDGE WAREHOUSE STANDARD CAPACITY	3 COLUMNS / 20 PIECES PER COLUMN
POLYCUT: SYSTEM FOR SAMPLE COLLECTION INTO A BUCKET BY CUTTING THE EDGE OF THE CARTRIDGE	OPTIONAL
POLYEYE: EAF 3D INTERNAL VISUAL INSPECTION CAMERA AFTER THE TAPPING	OPTIONAL
POLYCLEAN: AUTOMATIC CELL FOR THE COLLECTION OF THE HOT SAMPLE FROM THE CARTRIDGE, COOLING AND TRANSFER TO THE LABORATORY	OPTIONAL
STEEL BATH LEVEL MEASUREMENT	OPTIONAL

HIGHLIGHTS

AUTOMATIC TOOL CHANGE

DESIGNED FOR MELTSHOP HARSH ENVIRONMENT

MAN-FREE RED ZONE

POSSIBILITY TO OPERATE IN FURNACE POWER ON