

AST 250 & AST 450 Application Note

AST 250 & AST 450 应用说明

AST 450, Si sensors are used for high temperature and small spot size.

AST 450, Si 测温计应用于高温和测温范围小的被测物。

STEEL: Pre-heating of Ladle (Measurement of brick lining inside the ladle)

钢铁: 浇勺的预热（测量浇勺耐火内衬）

Billet temperature measurement

钢棒温度测量

Wire rod temperature measurement

钢线温度测量

Forging, Continuous casting etc...

锻造、连续铸造等

GLASS: Furnace wall (inside) temperature measurement

玻璃: 炉子内壁温度测量

Molten glass temperature measurement (inside the furnace)

熔融玻璃温度测量（炉内）

CEMENT: Inside the Rotating KILN clinker temperature measurement

水泥: 旋转炉内炼砖温度测量

INDUCTION HEATING: Induction heater manufacturers.

感应加热: 感应加热器制造商



AST 250, InGaAs sensors are used for metals / ceramic in low temperature like annealing, hardening etc.

AST 250, InGaAs 测温计 用于金属/陶瓷低温段退火、淬硬等应用。

One color Or two color pyrometer?

选择单色还是双色测温计?

Almost 90% application can be solved through single color pyrometers.

单色测温计可满足将近 90% 的应用。

For the following please consider two-wave pyrometer:

下述情况可考虑选择双波段的测温计:

Dusty ambient, presence of water vapor (quenching), Scale (oxidation), Variable emissivity, Metal billet, Molten metal

烟尘环境、水蒸汽（淬火）、积垢（氧化）、多变的发射率、金属棒、熔融金属。