

AST 250 & AST 450 Application Note

AST 250 & AST 450 應用說明

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

AST 450, Si 測溫計應用於高溫和測溫範圍小的受測物。

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

鋼鐵： 澆勺的預熱（測量澆勺耐火內襯）

Billet temperature measurement

鋼棒溫度測量

Wire rod temperature measurement

鋼線溫度測量

Forging, Continuous casting etc...

鍛造、連續鑄造等

GLASS: Furnace wall (inside) temperature measurement

玻璃： 爐壁（內側）溫度測量

Molten glass temperature measurement (inside the furnace)

熔融玻璃溫度測量（爐內）

CEMENT: Inside the Rotating KILN clinker temperature measurement

水泥： 旋轉爐內煉磚溫度測量

INDUCTION HEATING: Induction heater manufacturers.

感應加熱： 感應加熱器製造商



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

AST 250, InGaAs 測溫計 用於金屬/陶瓷低溫段退火、硬化等應用。

One color Or two color pyrometer?

選擇單色還是雙色測溫計？

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

單色測溫計可滿足將近 90% 的應用。

For the following please consider two-wave pyrometer:

下述情況可考慮選擇雙波段的測溫計：

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

Molten metal

煙塵環境、水蒸汽（淬火）、積垢（氧化）、可變的發射率、金屬棒、熔融金屬。