

THE FACTS ABOUT

SENSE²

1 VERTICAL BURNER

(2 for a dual system), containing 2-ceramic tubes

The inner ceramic tube functions as the catalytic reduction zone and the outer ceramic tube is a high-temperature resistant container where all the reactions take place.



15 PIECES OF INERT

coated tubing spanning 8.5m are required

This is to prevent sulfur from interacting with the stainless-steel.

ADDING H₂ TO MAKE-UP GAS

provides a temporarily super-hot flame/plasma at the base of the furnace

This ensures all organic components are completely decomposed.



UPKEEP and proper maintenance in timely intervals help keep your system running, preventing unnecessary downtime.



DUAL ZONE HEATING

with an **oxidation** zone at 950°C and a **reduction** zone at 650°C



A Photomultiplier Tube (PMT) with appropriate filter is used for **ANALYZING WAVELENGTHS** 300-400nm for sulfur compounds (blue) or 185-850 nm for nitrogen compounds (red).