

## GOLD PROBE – OXYGEN PROBE



HEATALLIANCE



Management System  
ISO 9001:2008

www.tuv.com  
ID 9105042087



### Reliable and economical

The heart of the **GOLD PROBE** is an Zirconium Oxyde sensor which we stabilized with Yttrium. This guarantees a long lasting accuracy.

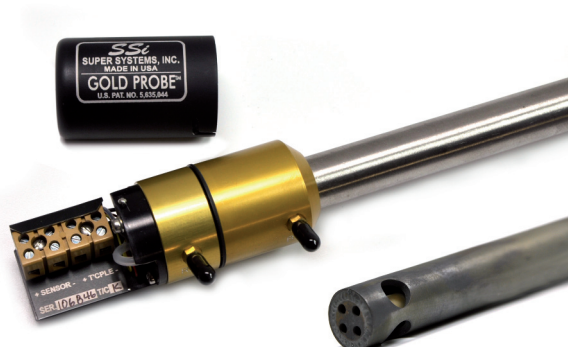
The advantages for you

- highest accuracy of measured values
- flexible mounting of the sensor = extended life
- "cold" head box by temperaute barrier to the furnace side
- simple but efficient design
- noticable reduction in air consumption due to reduced length of the sheath
- matching probe for each of your specific temperature and atmoshere requirements.
  - Possible use of CERMET coating /diffused Ceramic) for additional protection of the RA 333 sheath

### SPECIFICATIONS

- Useful %C Range 0.01 – 1.6%
- Temperature Range 1200 °F – 2000 °F (649 °C – 1093 °C)
- Stability within +/- 1 mVDC
- Impedance less than 10 kohms at 1700 °F (927 °C)
- Useful output 0 – 1250 mVDC
- Length 21 1/2", 25 3/4", 35" (600 mm – 1400 mm)
- Weight 3.7, 4.0, 5.8 lbs
- Insertion 14.3", 18.6", 20" or 27.8" (360 mm – 1240 mm)
- Mounting 1" NPT
- Sheath dia 0.84" (1/2" pipe) (21 mm, 13 mm pipe)

*We provide the right working atmosphere*



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