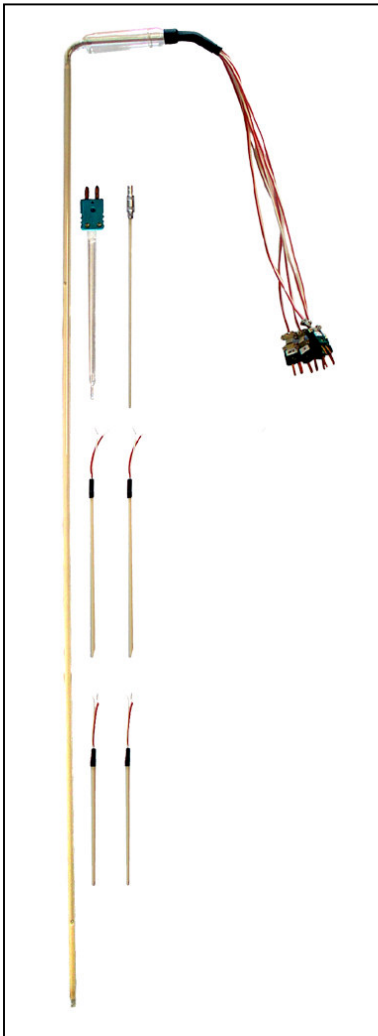


The ultimate resource for **THERMO COUPLES**

PRODUCTION AND SERVICE OF THERMO COUPLES

Ex. of a Flokal Thermocouple:



**From your simple drawing or specifications,
we produce any kind of high quality customized TC!**

- **Profile and Spike Thermocouples**

Flokal, with a history deeply rooted in servicing semiconductor wafer fabrication, supplies **highly reliable** thermocouples in both **simplex** and **duplex** configurations with **any** combination of ceramic and lead length. The materials are made according to internationally accepted standards as laid down in IEC 584.1,2 and 4 which is based on the International Temperature Scale 90 (ITS 90).

- **Which TC to choose?**

Type S {Pt-10%Rh(+)/Pt(-)} : platinum-rhodium TC: 0°C up to +1600°C:
Normally used in oxidizing atmosphere.

Type R {Pt-13%Rh(+)/Pt(-)} : up to +1600°C:

Similar version to type S with a sensitivity between 6 and 14 $\mu\text{V}/^\circ\text{C}$.

Type B {Pt-30%Rh(+)/Pt-6%Rh(-)} : up to +1700°C:

Very stable thermocouple but less sensitive especially in lower range which becomes negligible at room temperature.

Type C {Tu-5%Re(+)/Tu-Re26%(-)} : tungsten-rhenium TC: up to +2300°C:

These thermocouples (rigid or flexible) are used for very high temperature measurements, up to 2300°C in reducing neutral atmosphere, or vacuum.

- **Refurbishing**

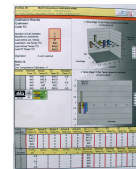
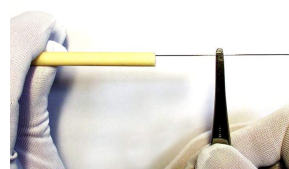
Flokal offers a unique **cost saving service**: you receive a new TC for the old TC! For more details, ask for our "TC service flyer".

- **Calibration**

We are a specialist in the calibration and the servicing of the TC. We work according to highly technical **standards** (DKD) and provide a **certificate of test** in accordance to BS EN 60584-1:1996 (ITS90). Ask for our "TC service flyer".

- **Preventive Maintenance**

We also offer a **consignment stock** of critical custom designed TC's in place. Ask for our "TC service flyer".



**Do not hesitate to contact us for a free estimation
of your customized TC or for our TC service flyer !**

Certified ISO 9001:2000 by



FLOKAL B.V.

Dorpenweg 27 5371 KS Deursen. The Netherlands.

Tel +(31).486.41.6240 Fax +(31).486.41.4514, www.flokal.com email info@flokal.com