

TP7D/TP9A防爆安全温度计THERMO

产品名称	TP7D/TP9A防爆安全温度计THERMO
公司名称	厦门市杰联仪器设备科技有限公司
价格	.00/台
规格参数	品牌:Thermoprobe 型号:TP7
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产品详情

tp7D防爆安全温度计(thermo)

tpD7采用rtd设计，密封覆盖的工业质量给用户提供了一个容易用手套操作的界面。不锈钢外壳保护电路板和液晶屏，防止遭受水等液体渗透的影响。

tp7电路板是从高度精确、可靠及成功的t11实验室温度计一步步演变而来。电源按钮的主要功能是提供仪器上次接触后约20分钟的电量，为了忍受环境以及内在的安全，制造tp9的材料都是既能防止石化产品的腐蚀，又能够防爆。外壳由不锈钢制成。探头的构造使用不粘电缆和不锈钢传感器组件。

- 最大尺寸：34.3 × 18.4 × 11.4 cm
- 总重量：配有23m电缆的质量为1.4千克
- 电池类型：9v碱性电池
- 电池寿命：约50小时

· 电池工作温度范围：-20 ~ 54（注：当环境温度高于54 或低于4 ，电池将不能充分供电）

- 表壳材质：聚丙烯共混材料，不锈钢和铝
- 保质期：探头90天，其它元件1年

· 内置铂电阻的不锈钢传感器外有防静电电缆套管，芳纶纤维加强了抗切割和耐碎性。

- 电缆采用碳氟化合物，如fep、pfa或相似材料作为绝缘材料
- 温度：温度范围：-10 ~ 188 (14 ~ 370)，分辨率：0.1，校正后精度：32 ~ 200 ±0.2；200 ~ 300 ±0.5，0 ~ 100 ±0.1；100 ~ 150 ±0.3，长期精确度漂移不超过0.05%/年
- 符合api要求
- 安全等级：ii 2 (1) eex ib[ia] iib t4

操作属性

易于更换的aa电池，提供的估计200小时运行。

逻辑电路会自动显示电池电量不足时，自动关机二十分钟后，显示温度趋势和稳定，故障确定显示的错误代码。

低功耗背光，方便夜间操作是为了方便和节约电池的光电传感器控制。

在夜间条件下的背光照明显示。

摄氏或华氏单位c/f的指示可以很容易地从功能按钮选择。

典型应用

密闭输送，库存，储罐，管道，驳船，船舶，铁路槽，油罐车（推荐操作：api7，油轮和油码头安全指南）

其他应用：检验系统api4

物质材料：所有石化产品，腐蚀性，耐酸、碱，粉末。糖蜜，糖浆，蒸馏酒。

petroleum gauging thermometer

the tp9 employs the proven rtd design that has been used in the tp7 and tp8 for many years. a sealed industrial quality overlay provides a user interface that is easy to use with gloves. a stainless steel enclosure protects the circuit board and large lcd from penetration by impact, water and reactive liquids.

the new tp9 circuit board is an evolutionary step up from our highly accurate, reliable and successful tl1 laboratory thermometer. the power button 's primary function powers the instrument for intervals of about 20 minutes since the last button was accessed. the power button can also be used to conserve power and clear the memory, or to make adjustment while in calibration mode. a simple menu operation is displayed by holding the function button, and alternately functions to allow adjustments in the calibration mode. arrows on the left side of the display show the direction of the temperature reading and whether stability has been reached. at the user 's discretion stabilized

temperatures can be logged at numerous liquid levels for a running average and later displayed for the user ' s documenting purposes. but this feature never interferes with simply getting an accurate temperature reading.

to endure the environment and be intrinsically safe, the tp 9 is manufactured of materials, which are both immune to petrochemicals and are non-sparking. the enclosure is made of stainless steel. the probe assembly is constructed using non-stick cable and stainless steel sensor components.

specifications

maximum dimensions: 10 " l x 4.25 " h x 6.4 " w

probe: 304 stainless steel, sealant, aramid fiber reinforced, fep or pfa cable jacket, coaxial construction

enclosure material: stainless steel acetal (delrin) probe holder polyvinylchloride faceplate

batteries: 2 aa alkaline; battery life of approximately 200 hours battery manufacturer ' s battery operating temperature range -4 to 130 ° f, -20 to 54 ° c

note: battery may not provide adequate power if ambient temperature is extremely low or high.

temperature: resolution 0.01

range: -40 to +400 ° f

-40 to +204 ° c

calibrated accuracy:

± 0.2 ° f from 32 to 200 ° f ± 0.5 ° f from 200 to 400 ° f

± 0.1 ° c from 0 to 100 ° c ± 0.3 ° c from 100 to 200 ° c 4 point nist traceable report of test

long-term drift not to exceed 0.05%/year

meets api requirements

operational attributes

easily replaceable aa batteries, provides an estimated *200 hours

operation.

circuit logic automatically indicates low battery condition, automatically shuts off after twenty minutes, shows temperature trend and stabilization, displays error codes for failure determination.

the low power backlight for night operation is photo sensor controlled for convenience and battery conservation.

in nighttime conditions the backlight illuminates the display.

celsius or fahrenheit units with c/f indication can be easily selected from the function button.

user manual explains intuitive calibration procedure that can be done through the external faceplate buttons.

typical applications

custody transfers, inventory, tank, pipeline, barge, ship, railcar, tank truck. (recommended operation: api 7, intl. safety guide for oil tankers and terminals.)

other applications: proving systems (api 4)

materials: all petrochemicals, caustic, acid, alkalies, powders. molasses, syrups, distilled spirits.