Thermometers — continued

Mini Temp™

Raytek®

$$\frac{D}{S} = \frac{6}{1}$$

25mm @ 150mm 50mm @ 300mm 100mm @ 600mm

1" @ 6"   2" @ 12"   4" @ 24"
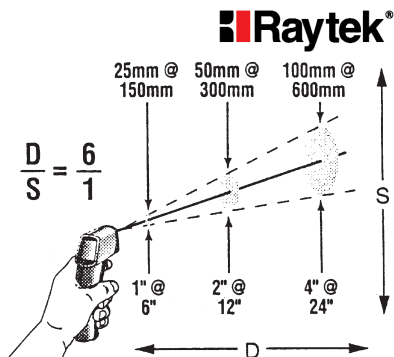
S   D

- Pocket sized and easy to use
- 2 versions available with or without laser sighting
- Easy to use with user friendly operation
- LCD backlight for easy-to-read display in conditions of poor light
- Soft pouch and wrist strap available separately
- Applications include electrical, HVAC, plant maintenance, food processing and plastic moulding

Temperature range	-18 to 260°C (0 to 500°F)
Temperature display	0.5°C or 1.0°F
Accuracy (assumes ambient operating temperature o f23°C [73°F])	For targets at: -1 to 260°C (30 to 500°F) ±2% of reading or 2±°C (±3.5°F), whichever is greater -18 to -1°C (0 to 30°F) ±3°C (±5°F)
Repeatability	±2% of reading, or ±2°C (±3°F)
Response time	500mSec, 95% response
Spectral response	7-18 μm
Emissivity	pre-set 0.95
Ambient operating range	0 to 50°C (32 to 120°F)
Relative humidity	10-95% RH noncondensing, @ up to 30°C (86°F)
Storage temperature	-20° to 65°C (-4° to 150°F) without battery
Weight/Dimension	227g (0.5lb); 152 101 38mm (6 4 1.5in)
Power	9V Alkaline or NiCd battery
Typical Battery life (Alkaline)	Non-laser models: 22hrs • Laser Models: 12hrs
Distance to Spot Size	6:1

CAUTION: Class II laser, do not stare into beam

T495

	Mftrs. List No.	Order Code	1+	3+	6+	12+
Without laser sighting	MT 2	**312-3753**				
With laser sighting	MT 4	**312-3765**				
Soft pouch and strap	RAYMT APK	**312-3777**				

Infra-red Thermometers

Raytek®

- Pistol grip non-contact thermometers
- Laser sighting (single or 8 spot offset)
- Non-contact measuring makes it ideal for hazardous, hard to reach or moving materials in safety, several metres away
- LCD backlight for easy-to-read display in conditions of poor light
- Soft pouch available separately

Applications include automotive diagnostics, electrical, HVAC, plant maintenance, food processing, commercial printing and plastics moulding.

Features

Model	ST20	ST30	ST60	ST80
Emissivity	Pre-set to 0.95		Adjustable 0.3 to 1.0	
Laser (Class II)	Y (single)	Y (8 spot)	Y (8 spot)	Y (8 spot)
Max, Min Dif and Avg temp.	MAX only	MAX only	Y	Y
Recall last reading			Y	Y
Display hold (7 secs)	Y	Y	Y	Y
HI/LO audible and visible alarms			Y	Y
LCD backlight	Y	Y	Y	Y
Temperature display	10th degree °C or °F selectable			
D:S (distance to spot size)	12:1	12:1	30:1	50:1
Hard carrying case	Y	Y	Y	Y

Specifications

Temperature range
ST20/ST30	-32 to 400°C/545°C
ST60	-32 to 600°C
ST80	-32 to 760°C
Accuracy	±1% of reading or ±!°C, whichever is greater @23°C ambient operating temp. -18 to 23°C ±2°C -26 to -18°C ±2.5°C -32 to -26°C ±3°C
Repeatability	±0.5% of reading or ±1°C, whichever is greater
Response Time	≤500 msec, 95% response
Ambient Operating Range	0 to 50°C
Power	9V Alkaline or NiCad battery
Dimensions	150 x 50 x 220
Weight	320 gram

CAUTION: Class II laser, do not stare into the beam

TEQ43

Mftrs. List No.	Order Code	Price Each			
		1+	3+	6+	12+
ST20	**717-1870**				
ST30	**724-8064**				
ST60	**717-1882**				
ST80	**724-8076**				
ST Pouch	**724-8088**				

Infra-red Thermometers

Raytek®
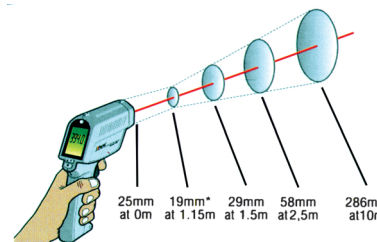
*)Distance : Spot Size 60 : 1 at Focus Point

Spot Size 35 : 1 at Far Field (≥ 10 times Focus Point)

25mm at 0m   19mm* at 1.15m   29mm at 1.5m   58mm at 2,5m   286mm at 10m

- Pistol grip non-contact thermometers
- Reliable measurements based on a circular laser spot
- Measurements from a safe ditance based on powerful optics
- MX4PLUS KIT comes complete with MX4, Windows® software, thermocouple k probe, RS232 cable and a power supply
- Soft case and printer available seperatley

The MX measures a temperature range of -30 to 900°C and features a unique 16 point laser sighting circle with a centre aiming point that defines the area you are measuring. The graphical display automatically charts the last ten temperature points using maximum and minimum values to establish the range.

Features

	MX2	MX4
Max and Min temp.	Y	Y
Dif and Avg temp.		Y
Audible/visible LO-alarm		Y
Audible/visible HI-alarm	Y	Y
Circular laser spot	Y	Y
Adjustable emissivity	Y	Y
On-board emissivity table		Y
Graphical display	Y	Y

Specifications

Temperature range	−30 to 900°C
Accuracy	±1% of reading or ±°C, whichever is greater
Repeatability	±0.5% of reading or ±1°C, whichever is greater
Response time	250 ms
Display resolution	0.1°C
Ambient operating range	0 to 50°C
Relative humidity	10 to 96% at 30°C
Storage temp.	−20 to 50°C
Power	2 x 1.5V, type R6, DC power input for MX4
Dimensions	200 x 170 x 50
Weight	480 grams

CAUTION: Class II laser, do not stare into beam

TEQ89

Mftrs' List No.	Order Code	Price Each			
		1+	3+	6+	12+
MX2	**724-8090**				
MX4PLUS KIT	**724-8106**				
PRINTER KIT	**724-8118**				
MX POUCH	**724-8120**				