



Intertek
UT300C



■ UT300A



■ UT300C



■ UT300S
(NEW)

SPECIFICATIONS



Specifications	Range		
Model	UT300A	UT300C	UT300S
Temperature Range	-18°C~280°C 0°F~536°F	-20°C~400°C -4°F~752°F	-32°C~400°C -25.6°F~752°F
Accuracy	±2°C or ±2%	±2°C or ±2%	±2°C or ±2%
Repeatability	±0.5°C or ±0.5%	±0.5°C or ±0.5%	±0.5°C or ±0.5%
Resolution	0.1°C/0.1°F	0.1°C/0.1°F	0.1°C/0.1°F
Distance to Spot Size	10:1	12:1	12:1
Response Time	500ms	500ms	500ms
Emissivity	0.95	0.10~1.0 Adjustable	0.10~1.00 Adjustable
Laser Type	Class 2 (II)	Class 2 (II)	Class 2 (II)
Laser Power	<1mW	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm	630nm~670nm
Spectral Response	8μm~14μm	8μm~14μm	8μm~14μm
Features			
°C/°F Selection	✓	✓	✓
Laser Switch	✓	✓	✓
Display Hold(s)	8 Seconds	8 Seconds	8 Seconds
Auto Power Off	✓	✓	✓
Low Battery Indication	✓	✓	✓
MAX Mode	✓	✓	✓
MIN Mode	✓	✓	✓
High Alarm		✓	✓
Low Alarm		✓	✓
LCD Backlight	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	22mm×22mm
Product Color	Red and Grey
Product Net Weight	185 g
Product Size	153mm × 108mm × 40mm
Standard Accessories	Battery
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	48 PCs
Standard Carton Measurement	590mm × 530mm × 360mm (0.11 CBM Per Standard Carton)
Standard Carton Gross Weight	14.8 kg



EN61326-1
EN60825-1



■ UT301A



■ UT301C

SPECIFICATIONS



Specifications	Range	
Model	UT301A	UT301C
Temperature Range	-18°C~350°C 0°F~662°F	-18°C~550°C 0°F~1022°F
Accuracy	±1.8°C or ±1.8%	±1.8°C or ±1.8%
Repeatability	±0.5°C or ±0.5%	±0.5°C or ±0.5%
Resolution	0.1°C/0.1°F	0.1°C/0.1°F
Distance to Spot Size	12:1	12:1
Response Time	250ms(95% of reading)	250ms(95% of reading)
Emissivity	0.10~1.0 Adjustable	0.10~1.0 Adjustable
Laser Type	Class 2(II)	Class 2(II)
Laser Power	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm
Spectral Response	8μm~14μm	8μm~14μm
Features		
°C/°F Selection	✓	✓
Laser Switch	✓	✓
Display Hold(s)	8 Seconds	8 Seconds
Auto Power Off	✓	✓
Low Battery Indication	✓	✓
MAX Mode	✓	✓
MIN Mode	✓	✓
DIFF Mode	✓	✓
AVG Mode	✓	✓
LCD Backlight	✓	✓
Electricity Cut-off Memory	✓	✓
Tripod Mount	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	32mm×29mm
Product Color	Red and Grey
Product Net Weight	270 g
Product Size	169mm×138mm×53mm
Standard Accessories	Battery
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	605mm×360mm×468mm(0.101 CBM Per Standard Carton)
Standard Carton Gross Weight	12.3 kg



■ UT302A



■ UT302C



■ UT302D

SPECIFICATIONS



Specifications	Range		
Model	UT302A	UT302C	UT302D
Temperature Range	-32°C~450°C -26°F~842°F	-32°C~650°C -26°F~1202°F	-32°C~1050°C -26°F~1922°F
Accuracy	±1.8°C or ±1.8%	±1.8°C or ±1.8%	±1.8°C or ±1.8%
Repeatability	±0.5°C or ±0.5%	±0.5°C or ±0.5%	±0.5°C or ±0.5%
Resolution	0.1°C/0.1°F	0.1°C/0.1°F	0.1°C/0.1°F
Distance to Spot Size	20:1	20:1	20:1
Response Time	250ms(95% of reading)	250ms(95% of reading)	250ms(95% of reading)
Emissivity	0.10~1.0 Adjustable	0.10~1.0 Adjustable	0.10~1.0 Adjustable
Laser Type	Class 2(II)	Class 2(II)	Class 2(II)
Laser Power	<1mW	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm	630nm~670nm
Spectral Response	8µm~14µm	8µm~14µm	8µm~14µm
Features			
°C/°F Selection	✓	✓	✓
Laser Switch	✓	✓	✓
Display Hold(s)	8 Seconds	8 Seconds	8 Seconds
Auto Power Off	✓	✓	✓
Low Battery Indication	✓	✓	✓
MAX Mode	✓	✓	✓
MIN Mode	✓	✓	✓
DIFF Mode	✓	✓	✓
AVG Mode	✓	✓	✓
LCD Backlight	✓	✓	✓
Electricity Cut-off Memory	✓	✓	✓
Tripod Mount	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22)
LCD Size	32mm×29mm
Product Color	Red and Grey
Product Net Weight	322 g
Product Size	169mm×138mm×53mm
Standard Accessories	Battery,
Standard Individual Packing	Blister, English Manual, Carrying Bag
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	605mm×360mm×468mm(0.101 CBM Per Standard Carton)
Standard Carton Gross Weight	12.4 kg



■ UT303A



■ UT303C



■ UT303D

SPECIFICATIONS



Specifications	Range		
Model	UT303A	UT303C	UT303D
Temperature Range	-32°C~650°C -26°F~1202°F	-32°C~1050°C -26°F~1922°F	-32°C~1250°C -26°F~2282°F
Accuracy	±1.8°C/±1.8%	±1.8°C/±1.8%	±1.8°C/±1.8%
Repeatability	±0.5°C/±0.5%	±0.5°C/±0.5%	±0.5°C/±0.5%
Resolution	0.1°C/0.1°F	0.1°C/0.1°F	0.1°C/0.1°F
Distance to Spot Size	30:1	30:1	30:1
Response Time	250ms(95%of reading)	250ms(95%ofreading)	250ms(95%ofreading)
Emissivity	0.10~1.0 Adjustable	0.10~1.0Adjustable	0.10~1.0Adjustable
Laser Type	Class 2(II)	Class 2(II)	Class 2(II)
Laser Power	<1mW	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm	630nm~670nm
Spectral Response	8μm~14μm	8μm~14μm	8μm~14μm
Features			
°C/°F Selection	✓	✓	✓
Laser Switch	✓	✓	✓
Display Hold(s)	8 Seconds	8 Seconds	8 Seconds
Auto Power Off	✓	✓	✓
Low Battery Indication	✓	✓	✓
MAX Mode	✓	✓	✓
MIN Mode	✓	✓	✓
DIFF Mode	✓	✓	✓
AVG Mode	✓	✓	✓
LCD Backlight	✓	✓	✓
Electricity Cut-off Memory	✓	✓	✓
Tripod Mount	✓	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery(6F22) or USB
LCD Size	32mm×29mm
Product Color	Red and Grey
Product Net Weight	322 g
Product Size	169mm×138mm×53mm
Standard Accessories	Battery, USB (External Power)
Standard Individual Packing	Blister, English Manual, Carrying Bag
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	605mm×360mm×468mm(0.101 CBM Per Standard Carton)
Standard Carton Gross Weight	12.3 kg



EN61326-1
EN60925-1



■ UT305A



■ UT305C

SPECIFICATIONS



Specifications	Range	
Model	UT305A	UT305C
Temperature Range	-50°C~1050°C -58°F~1922°F	-50°C~1550°C -58°F~2822°F
Accuracy	±1.8°C or ±1.8%	±1.8°C or ±1.8%
Repeatability	±0.5°C or ±0.5%	±0.5°C or ±0.5%
Resolution	0.1(When<10°C:0.2)	0.1(When<10°C:0.2)
Distance to Spot Size	50:1	50:1
Response Time	250ms(95% of reading)	250ms(95% of reading)
Emissivity	0.10~1.0 Adjustable	0.10~1.0 Adjustable
Laser Type	Class 2(II)	Class 2(II)
Laser Power	<1mW	<1mW
Laser Wavelength	630nm~670nm	630nm~670nm
Spectral Response	8μm~14μm	8μm~14μm
Features		
°C/°F Selection	✓	✓
Laser Switch	✓	✓
Display Hold(s)	8 Seconds	8 Seconds
Auto Power Off	✓	✓
Low Battery Indication	✓	✓
MAX Mode	✓	✓
MIN Mode	✓	✓
DIFF Mode	✓	✓
AVG Mode	✓	✓
Data Logging	99	99
USB Interface	✓	✓
High Alarm	✓	✓
Lower Alarm	✓	✓
LCD Backlight	✓	✓
Electricity Cut-off Memory	✓	✓
Tripod Mount	✓	✓
T-C Thermocouple Measurement	✓	✓

GENERAL CHARACTERISTICS

Power	USB or 9V Battery(6F22) or Power Adaptor
LCD Size	33mm × 38mm
Product Color	Red and Grey
Product Net Weight	320 g
Product Size	183mm × 147mm × 57mm
Standard Accessories	Battery, USB Interface Cable, PC Software CD
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	5 PCs
Standard Carton Measurement	510mm × 375mm × 320mm (0.061 CBM Per Standard Carton)
Standard Carton Gross Weight	11 kg

UNI-T®

UT309 SERIES Professional Infrared Thermometers

UT309A / UT309C

NEW PRO



EN61326-1
EN60925-1



■ UT309A



■ UT309C

SPECIFICATIONS



Specifications	Range	
Model	UT309A	UT309C
Temperature Range	-35°C~450°C -31°F~842°F	-35°C~650°C -31°F~1202°F
Accuracy	≥0°C: ±1.8°C or ±1.8% ≤0°C: +/- (1.8°C + 0.1°C/°C) ≥32°F: ±3.6°F or ±1.8% ≤32°F°C: +/- (±3.6°F + 0.2°F/°F)	≥0°C: ±1.8°C or ±1.8% ≤0°C: +/- (1.8°C + 0.1°C/°C) ≥32°F: ±3.6°F or ±1.8% ≤32°F°C: +/- (±3.6°F + 0.2°F/°F)
Repeatability	±1.0°C or ±0.8%	±1.0°C or ±0.8%
Resolution	0.1°C/0.1°F	0.1°C/0.1°F
Distance to Spot Size	10:1	12:1
Response Time	250ms(95% readable)	250ms(95% readable)
Emissivity	0.95	0.10~1.0 adjustable
No. of Laser	Single laser	Dual laser
Laser Type	Class 2 (II)	Class 2 (II)
Laser Power	< 1mW	< 1mW
Laser Wavelength	630nm~670nm	630nm~670nm
Spectral Response	8µm~14µm	8µm~14µm
Features		
°C/°F Selection	✓	✓
Laser switch (ON/OFF)	✓	✓
Display Hold (s)	8 Seconds	8 Seconds
Data Hold	✓	✓
Auto Power Off	✓	✓
Low Battery Indication	✓	✓
Lock Measurement Mode	✓	✓
MAX Mode	✓	✓
MIN Mode	✓	✓
DIFF Mode	✓	✓
AVG Mode	✓	✓
High Temperature Alarm (Red LED)	✓	✓
Low Temperature Alarm (Blue LED)	✓	✓
LCD Backlight	✓	✓
Electricity Cut-off Memory	✓	✓
IP Rating	IP65	IP65
Drop Proof	3meters	3meters
Tripod Mount	✓	✓

GENERAL CHARACTERISTICS

Power	9V Battery (6F22)
LCD Size	32mm × 29mm
Product Color	Red and Grey
Product Net Weight	292g
Product Size	189mm x 118mm x 55mm
Standard Accessories	Battery
Standard Individual Packing	Blister, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	605mm × 360mm × 468mm(0.101 CBM Per Standard Carton)
Standard Carton Gross Weight	12 kg