Infrared Thermometers Model Selection

Models	UT306A	UT300A+	UT301 A+/C+/D+	UT302 A+/C+/D+	UT303 A+/C+/D+	UT309 A/C/E	UT305 A/C/S
Page	73	69	70	71	71	74	72
D:S	6:1	10:1	12:1	20:1	30:1	10:1/12:1/20:1	50:1
Temperature range	-35℃~300℃	-20℃~400℃	-32℃~600℃	-32℃~1100℃	-32℃~1300℃	-22℃~850℃	-50℃~2000℃
Laser type	Single	Single	Single/Ring/Dual	Single/Ring/Dual	Single/Ring/Dual	Single/Ring/Dual	Single
Display type	LCD	LCD	EBTN	EBTN	EBTN	LCD	LCD/LCD/EBTN
Accuracy	±2℃ or ±2%	±2℃ or ±2%	±1.5℃ or ±1.5%	±1.5℃ or ±1.5%	±1.5℃ or ±1.5%	±1.8℃ or ±1.8%	±1.8℃or±1.8%(305A/C) ±1℃or±1%(305S)
Emissivity	0.95	0.95	0.1~1 (Adjustable)	0.1~1 (Adjustable)	0.1~1 (Adjustable)	0.1~1 (Adjustable)	0.1~1 (Adjustable)
Laser type	Class 2	Class 2	Class 2	Class 2/3R/2	Class 2/3R/2	Class 2	Class 2
Laser power	<1mW	<1mW	<1mW	<1mW/<3mW/<1mW	<1mW/<3mW/<1mW	<1mW	<1mW
Response time	250ms	500ms	250ms	250ms	250ms	250ms	250ms
Spectral response	5μm~14μm	5.5μm~14μm	8μm~14μm	8μm~14μm	8μm~14μm	8μm~14μm	8μm~14μm
Battery type	2 x 1.5V AAA	2 x 1.5V AAA	9V	9V	9V	9V	9V
Thermocouple							305A/C
Auto power off	●	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●
Data hold	●	●	●	●	●	●	●
Unit conversion	℃/℉	℃/℉	℃/℉	℃/℉	℃/℉	℃/℉	℃/℉
MAX/MIN/AVG/DIF	MAX/MIN		●	●	●	●	●
Lock measurement			●	●	●		●
High/Low temperature LED alarm			●	●	●	●	305S
High/Low temperature audible alarm			●	●	●		●
Data storage			99 sets (C+/D+)	99 sets (C+/D+)	99 sets (C+/D+)	99 sets (E)	99 sets
Scheduled measurement			C+/D+	C+/D+	C+/D+	E	
Backlight	●	●	●	●	●		●
Drop test	1m	1m	1m	1m	1m	3m	1m
IP rating						IP65	
Certificates	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS

UT30H/UT306H/UT308H

NEW

Infrared Thermometers

Non-contact | ±0.2℃ Accuracy | 250ms Response time

HOLD Data hold | 1cm~5cm Test distance | High temperature alarm

● UT30H

SPECIFICATION	UT30H	UT306H	UT308H
Certificates	CE, RoHS		
Measurement range (object)	0℃~100℃	0℃~100℃	0℃~100℃
Accuracy (object)	±1.0℃	±1.0℃	±1.0℃
Measurement range (body)	32.0℃-45.0℃	32.0℃-45.0℃	32.0℃-45.0℃
Accuracy (body)	±0.2℃	±0.2℃	±0.2℃
Resolution	0.1℃	0.1℃	0.1℃
Data storage		20 groups	32 groups
Optimum measuring distance	1~5cm		
Unit conversion (℃/℉)	√		
Measurement alarm	Sound alarm for >37.2		
Power on self test	√		
Auto shutdown	√		
Backlight	√		
Operating environment	15℃-35℃, <85%RH		
Transport and storage environment	-20℃-60℃, <93%RH		
Operating atmosphere pressure	700hPa-1060hPa		
GENERAL CHARACTERISTICS			
Power	UT30H: 1.5V AAA x 2; UT306H/UT308H: 1.5V AA x 2		
Product net weight	UT30H: 98.7g; UT306H/UT308H: 140.8g		
Product size	UT30H: 141mm x 90mm x 36mm; UT306H/UT308H:157mm x 99mm x 48mm		
Standard accessories	Gift box, blister, English manual		
Standard quantity per carton	20pcs		
Standard carton measurement	UT30H: 310mm x 270mm x 210mm; UT306H/UT308H: 405mm x 320mm x 270mm		
Standard carton gross weight	UT30H: 4.5kg; UT306/308H: 6.6kg		