

FARO® Quantum^S FaroArm®



Quantum^S

FAROBlu™ Laser Line Probe HD, 5x
QuantumS ScanArm

FARO Quantum^S -

Quantum^S
FARO,

WiFi® , Quantum^S

FARO Quantum^S

Quantum^S

FARO Quantum^S

QuantumS

QuantumS

Quantum^S

Quantum^S

FARO Quantum^S Arm -

3D-

CAD,

Quantum^S

ISO 10360-12:2016. Quantum^S
FARO

M

QuantumS

Quantum^S

Arm FARO,

O

FARO® QUANTUM^S – " "

Probe HD
). FAROBlu™ Laser Line (5X)
FARO,
WiFi®-
M " "
M Quantum^S
ISO 10360-12:2016,

QUANTUM^S & FAROBLU (QUANTUM SCANARM) – " "

Quantum^S FAROBlu, Laser Line Probe HD,
S Quantum^S, FAROBlu
(LLP)
The Quantum ScanArm CAD,
3D
FAROBlu Laser Line Probe HD
FAROBlu LLP HD
C
600,000 /



FAROBLU LASER LINE PROBE HD

FAROBlu Laser Line Probe HD

50%

FAROBlu Laser Line Probe HD
CMOS,

(300 ().

FAROBlu Laser Line Probe HD

FAROBlu Laser Line Probe HD

150

, Laser Line Probe HD

CAD



(Arm)*										
	SPAT ¹		E _{UNI} ²		P _{SIZE} ³		P _{FORM} ⁴		L _{DIA} ⁵	
	6 axis	7 axis	6 axis	7 axis	6 axis	7 axis	6 axis	7 axis	6 axis	7 axis
Quantum ^S 1.5m (4.9ft.)	0.012mm (0.0005in.)		0.023mm (0.0009in.)		0.008mm (0.0003in.)		0.015mm (0.0006in.)		0.027mm (0.0011in.)	
Quantum ^S 2.5m (8.2ft.)	0.018mm (0.0007in.)	0.022mm (0.0009in.)	0.028mm (0.0011in.)	0.032mm (0.0013in.)	0.010mm (0.0004in.)	0.012mm (0.0005in.)	0.020mm (0.0008in.)	0.025mm (0.0010in.)	0.035mm (0.0014in.)	0.048mm (0.0019in.)
Quantum ^S 3.5m (11.5ft.)	0.036mm (0.0014in.)	0.045mm (0.0018in.)	0.056mm (0.0022in.)	0.070mm (0.0028in.)	0.020mm (0.0008in.)	0.024mm (0.0009in.)	0.040mm (0.0016in.)	0.045mm (0.0018in.)	0.070mm (0.0028in.)	0.100mm (0.0039in.)
Quantum ^S 4.0m (13.1ft.)	0.045mm (0.0018in.)	0.055mm (0.0022in.)	0.068mm (0.0027in.)	0.085mm (0.0033in.)	0.024mm (0.0009in.)	0.030mm (0.0012in.)	0.045mm (0.0018in.)	0.050mm (0.0020in.)	0.086mm (0.0034in.)	0.120mm (0.0047in.)

(ScanArm)**	
	L _{DIA} ⁵
Quantum ^S 2.5m (8.2ft.)	0.048mm (0.0019in.)
Quantum ^S 3.5m (11.5ft.)	0.080mm (0.0031in.)
Quantum ^S 4.0m (13.1ft.)	0.092mm (0.0036in.)

* MPE ()¹ SPAT –
 (Arm): ISO 2 E_{UNI} –
 10360-12
 ** (ScanArm): 3 P_{SIZE} –
 ISO 10360-8 . D 4 P_{FORM} –
 5 L_{DIA} –

A A A

: 10°C - 40°C (50°F - 104°F)
 : 3°C/5min. (5.4°F/5min.)

: 95%,

: 0
 100-240 ; 47/63

FARO LASER LINE PROBE A

: ±25 (±0.001")
 : 25 , 2σ (0.001")
 : 115 (4.5")
 : 115 (4.5")
 : 80 (3.1")
 150 (5.9")
 : 2,000 /
 : 40 (0.0015")
 : 300 / , 300 x 2,000
 / = 600,000 /
 : Class 2M
 : 485 (1.1lbs.)
 : (FOV)

: Meets OSHA requirements, NRTL TÜV SÜD C-US Listed, Complies with Electronic Code of Federal Regulations 47 CFR PART 15, 17 CFR Parts 240 and 249b – Conflict Material, 21 CFR 1040 Performance standards For Light-Emitting Products, and 10 CFR Part 430 – Department of Energy; Energy Conservation for External Power Supplies.

: 93/68/EEC CE Marking; 2014/30/EU Electrical Equipment; 2014/53/EU Radio Equipment Directive; 2011/65/EU RoHS2; 2002/96/EC WEEE; 2006/66/EC WEEE; 2006/66/EC Batteries and Accumulators; 2014/35/EU Low Voltage Directive; 2009/125/EC Ecodesign requirement.

: EN 61010-1:2010 / CSA-C22.2 No. 61010-1; EN 61326-1:2013 EMC; ETSI EN 300 328 V2.1.1; ETSI 301 489-1 V1.9.2; ETSI 301 489-17 V2.2.1; ETSI EN 62311:2008; IEEE 802.11 b/g; FCC Part 15.247 (WLAN and Bluetooth); Japanese Radio Law MPT No. 37 Ordinance (MIC classification WW); UN T1-T8; IEC 62133 2nd ed.; IEC 60825-1:2014 ed3.0; FDA (CDRH) 21 CFR 1040.10 / ANSI Z136.1-2007; EN 50581:2012; 21 CFR 1002 (Records & Reports); 21 CFR 1010 (Performance Standards).

(IEC): IEC 60068-2-6; IEC 60068-2-64; IEC 60068-2-27

(-20 ° C 60 ° C).

: IEC 60068-2-1; MIL-STD-810G; ISTA



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