

SterilDisk / SterilDisk Probe



Main features

- Small size
- With internal probe or with different lengths rigid probe for penetration
- Completely food grade and waterproof
- All software calculates lethality value (F0, PU, A0 ecc.)
- User replaceable battery (software shows battery status)
- Accredia (NIST equivalent) traceable calibration certificate included
- Available extended calibration from -20°C (order extra calibration points; in case of wide calibration range the accuracy might be worse)

Temperature data logger up to 140°C with probe of various lengths

Temperature data logger from -20°C to 140°C (calibration from 25°C to 140°C), with 20 or 50 or 100mm or 150 mm external probe (probes cannot be switched) on a 5 mm base (base height is not counted for probe length), IP68, in AISI316 L stainless steel, for sterilisation, pasteurisation, cooking processes monitoring. Managed through SPD and TS Manager (compatible with FDA 21 CFR Part 11 regulation) software and the interfaces DiskInterface HS Mini, DiskInterface HS and Multibay. Ideal for core of the product monitoring. It can be used alone or in combination with other loggers of the same model or different models, also for pressure monitoring. With every SterilDisk a battery kit for battery replacement is included. Battery is user replaceable, and the data logger is provided with an Accredia (NIST equivalent) traceable certificate on 6 points

Plus

- High accuracy and precision
- Quick response time
- Printed reports compliant with health regulations and ISO (data are not editable in the software)
- Can be fixed to food package and surfaces with the Mounting Base

Free Call 0800 323 327

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The system

The system is made up by:

- SterilDisk temperature data logger
- DiskInterface HS Mini or DiskInterface HS or Universal Multibay
- SPD software or TS Manager software (compatible with the FDA 21 CFR Part 11 regulation)

Accessories

SPD	TS Manager
DiskInterface HS Mini	DiskInterface HS
Universal Multibay	Fixing base
Locking bolt	Fastening system
Teflon protective tube	Battery kit for SterilDisk
O-rings for SterilDisk	

Technical specifications






- Dimensions 17.4 h X 36.5 Ø (mm)
- Probe dimensions Probe base dimensions 5 h X 14 Ø (mm)
- Probe 20/50/100/150 l X 3 Ø (mm)
- Weight 82 g
- Materials Stainless steel AISI316L, PEEK
- Temperature range -20 °C to +140 °C
- Standard calibration points (temperature) 25/50/75/100/121/140°C
- Extra calibration points (temperature) Within the range -20 °C to +140 °C
- Temperature resolution 0,01 °C
- Temperature accuracy ± 0.2 °C (within the calibration range)
- Memory (n. of acquisitions) 20,224
- Acquisition step from 1 every second up, with 1 second steps
- Protection degree IP68
- Battery type 3.0V lithium user replaceable
- Battery life +1,400,000 acquisitions at 1 second step continuously (calculated time @25°C. Battery life may be shorter if used in low temperatures)
- Software SPD, TS Manager
- Accessories DiskInterface HS Mini, DiskInterface HS, Universal Multibay

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SOLUTIONS FOR STERILIZATION, PASTEURIZATION, COOKING AND CHILLING MONITORING

	STERILDISK	MICROW S	MICROW L	MICROW XL	PRESSUREDISK
Height	17.4 mm	14 mm	39 mm	64 mm	43.22 mm
Diameter	36.5 mm	20 mm	20 mm	20 mm	35 mm
Probe	No probe	Rigid	Rigid	Rigid	
	Rigid	Flexible	Flexible	Flexible	Radial rigid
	Flexible	Bendable	Bendable	Bendable	
Temperature	-20°C ~ 140°C	0°C ~ 250°C*	-40°C ~ 140°C	-40°C ~ 250°C*	-40°C ~ 140°C
Battery					

* Only the probe tip resists over 140° C



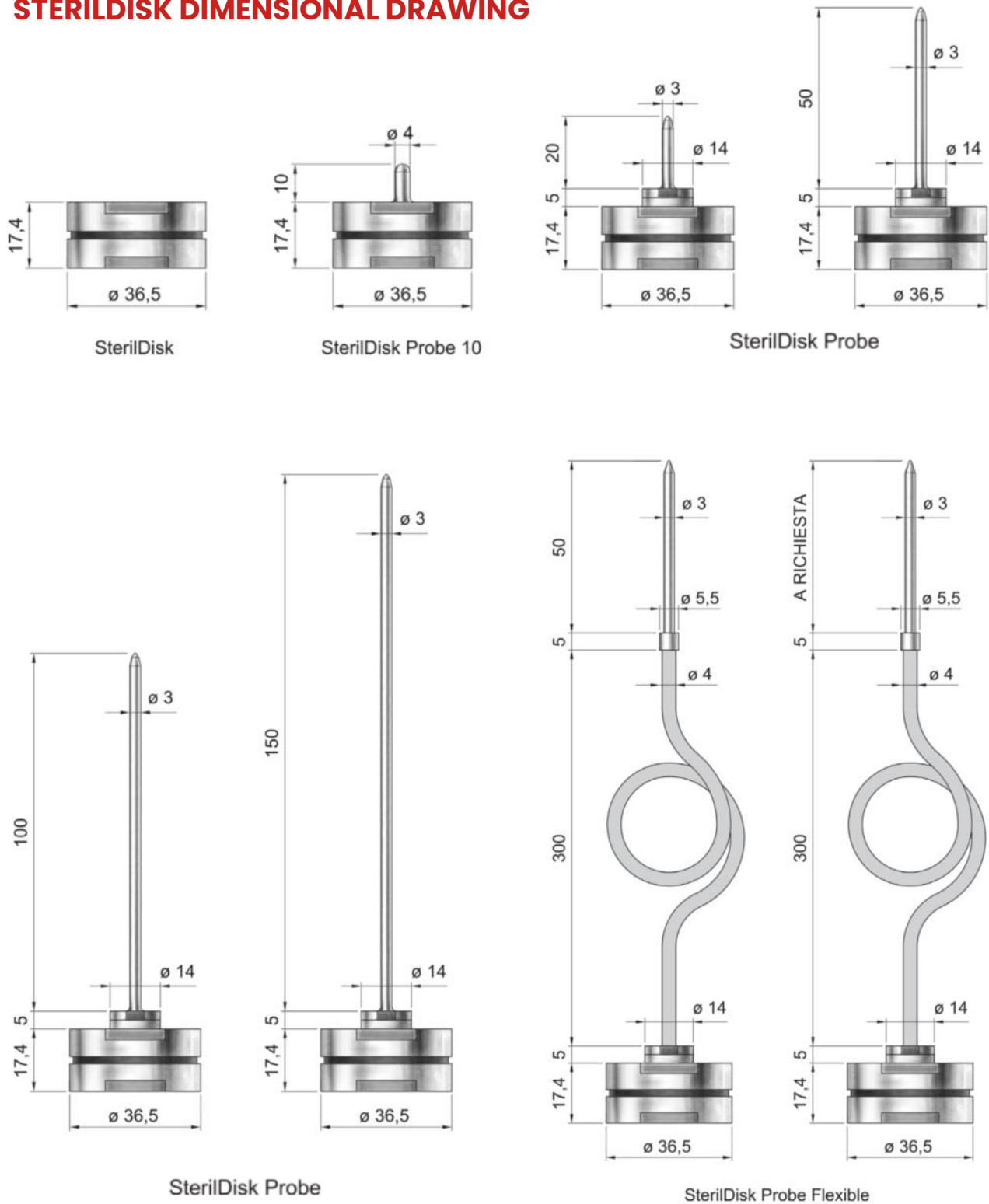
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STERILDISK DIMENSIONAL DRAWING



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