

UniQ® Biological Indicators

Redefining Industrial Sterilization Excellence through Unparalleled Uniqueness

Certain manufacturing situations require specialized biological indicators to meet specific requirements. That's where UniQ comes in. Our line addresses the unique needs of the medical device, pharmaceutical, and food & beverage industries, providing effective solutions beyond traditional spore strips, SCBIs, and ampoules.



UniQ Thread – 19 mm x 1.5 m

- + Cotton Threads inoculated with 10^6 *B. atrophaeus* spores
- + Wrap around syringe interfaces, tubing, or lumens to demonstrate ethylene oxide penetration and efficacy
- + Individually packaged in Tyvek/Mylar pouches



UniQ MicroStrip – 1 x 25 mm or 2 x 10 mm

- + Paper carriers inoculated with 10^6 *G. stearothermophilus*, 10^6 *B. subtilis* "5230," or 10^6 *B. atrophaeus* spores
- + Suitable for steam and ethylene oxide applications where regular-sized spore strips are too large
- + Offered in bulk packaging or individually packaged in glassine envelopes (*B. subtilis* "5230" MicroStrip available only in bulk)



UniQ Disc – 6 mm

- + Paper disc inoculated with 10^5 or 10^6 *G. stearothermophilus* or 10^6 *B. atrophaeus* spores
- + Ideal for steam and ethylene oxide applications where spore strips are too large
- + Available in bulk packaging (10^6 *G. stearothermophilus* discs also available individually packaged in glassine envelopes)



UniQ Disc – 7 mm

- + Stainless steel disc inoculated with 10^3 or 10^6 *B. pumilus* spores
- + Packaged in a clear plastic pouch for UV light penetration and protection against post-process contamination



UniQ DriAmp® Culturing Set

- + 1 ml glass ampoules containing silica sand inoculated with 10^6 *B. atrophaeus* spores
- + Tubes of Releasat® Red culture medium included
- + Offers a reduced 72-hour incubation time
- + Suitable for high-temperature direct air exposure or submersion in non-water-based solutions where traditional paper strip indicators are challenging to use



UniQ ProLine

- + Paper disc inoculated with 10^6 *G. stearothermophilus* spores packaged in a glassine envelope within the ProLine housing
- + Designed for validating or monitoring steam sterilization cycles of tubing ranging from 1/8" to 5/8" inside diameter
- + Allows placement of the BI at the center of the tubing, the most challenging area for sterilant penetration



UniQ Spore Suspensions – 10 ml

- + Calibrated suspensions of bacterial spores suitable for growth promotion, direct inoculation, or preparing custom biological indicators
- + Used for monitoring various industrial sterilization processes (Steam, Ethylene Oxide, Dry Heat, Hydrogen Peroxide, Radiation, etc.)
- + Each vial contains 10 ml of suspension
- + Suspended in 20%, 29%, or 40% ethanol or purified water

Mesa UniQ®

Biological Indicators for industrial use



Description	Reorder #	Process	Species	Population	Size	Packaging
UniQ Thread	1-6100TT	ethylene oxide	<i>B. atrophaeus</i> 9372	10 ⁶	19 mm x 1.5 mm	100 threads in Tyvek/ Mylar pouches
UniQ MicroStrip	S1X25/6	steam	<i>G. stearothermophilus</i> 7953	10 ⁶	1 mm x 25 mm	100 MicroStrips bulk packaged
	S1X25/6G	steam	<i>G. stearothermophilus</i> 7953	10 ⁶	1 mm x 25 mm	100 MicroStrips in glassine pouches
	S2X10/6	steam	<i>G. stearothermophilus</i> 7953	10 ⁶	2 mm x 10 mm	100 MicroStrips bulk packaged
	S2X10/6G	steam	<i>G. stearothermophilus</i> 7953	10 ⁶	2 mm x 10 mm	100 MicroStrips in glassine pouches
	A1X25/6	ethylene oxide	<i>B. atrophaeus</i> 9372	10 ⁶	1 mm x 25 mm	100 MicroStrips bulk packaged
	A1X25/6G	ethylene oxide	<i>B. atrophaeus</i> 9372	10 ⁶	1 mm x 25 mm	100 MicroStrips in glassine pouches
	A2X10/6	ethylene oxide	<i>B. atrophaeus</i> 9372	10 ⁶	2 mm x 10 mm	100 MicroStrips bulk packaged
	A2X10/6G	ethylene oxide	<i>B. atrophaeus</i> 9372	10 ⁶	2 mm x 10 mm	100 MicroStrips in glassine pouches
	SU1X25	low temperature steam	<i>B. subtilis</i> "5230" 35021	10 ⁶	1 mm x 25 mm	100 MicroStrips bulk packaged
	SU2X10	low temperature steam	<i>B. subtilis</i> "5230" 35021	10 ⁶	2 mm x 10 mm	100 MicroStrips bulk packaged
UniQ Disc (paper)	DS6R/5	steam	<i>G. stearothermophilus</i> 7953	10 ⁶	6 mm diameter	100 paper discs bulk packaged
	DS6R/6	steam	<i>G. stearothermophilus</i> 7953	10 ⁶	6 mm diameter	100 paper discs bulk packaged
	DS6R/6G	steam	<i>G. stearothermophilus</i> 7953	10 ⁶	6 mm diameter	100 paper discs in glassine pouches
	1-61006MM	ethylene oxide	<i>B. atrophaeus</i> 9372	10 ⁶	6 mm diameter	100 paper discs bulk packaged
	1-10006MM	ethylene oxide	<i>B. atrophaeus</i> 9372	10 ⁶	6 mm diameter	1000 paper discs bulk packaged
UniQ Disc (stainless-steel)	DPSSC/3	radiation	<i>B. pumilus</i> 27142	10 ⁶	7 mm diameter	100 SS discs in clear plastic
	DPSS/6C	radiation	<i>B. pumilus</i> 27142	10 ⁶	7 mm diameter	100 SS discs in clear plastic
UniQ DriAmp Culturing Set	DH/50	dry heat	<i>B. atrophaeus</i> 9372	10 ⁶	1 mL ampoule	50 ampoules + 50 media tubes
UniQ ProLine	PL-3-6-15	steam	<i>G. stearothermophilus</i> 7953	10 ⁶	Disc: 6 mm Device length: 130mm Device diameter: 50 mm	15