

**OPERATION OF A TYPICAL DEGERM-INATOR™ IN TIME AND ENERGY
TO INACTIVATE OR DESTROY 90% PLUS OF THE ORGANISMS LISTED BELOW**

	Approximate time (in seconds) required at specified irradiance in microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$)	Approximate time (in seconds) required at specified irradiance in microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$)	Energy Required
ORGANISM	1,500 $\mu\text{W}/\text{cm}^2$ in seconds (new batteries)	1,000 $\mu\text{W}/\text{cm}^2$ in seconds (after 3 hours)	$\mu\text{W}\cdot\text{sec}$ cm^2
S. enteritidis	3	4	4,000
B. megatherium sp. (veg) *	1	1	1,300
B. megatherium sp. (spores) *	2	3	2,730
B. paratyphosus	2	3	3,200
B. subtilis*	5	7	7,100
Corynebacterium diphtheriae *	2	3	3,370
Eberthella typhosa	1	2	2,140
Escherichia coli (E. coli) *	2	3	3,000
Micrococcus candidus	4	6	6,050
Neisseria catarrhalis	3	4	4,400
Phytomonas tumefaciens	3	4	4,000
Proteus vulgaris *	2	3	2,640
Pseudomonas aeruginosa *	4	6	5,500
Pseudomonas fluorescens	2	4	3,500
S. typhimurium	5	8	8,000
Serratia marcescens *	2	2	2,450
Dysentery bacilli	1	2	2,200
Shigella paradysenteriae	1	2	1,680
Spirillum rubrum	3	4	4,400
Staphylococcus albus	1	2	1,840
Staphylococcus aureus *	2	3	2,600
Streptococcus hemolyticus	1	2	2,160
Streptococcus lactis	4	6	6,150
Streptococcus viridans	1	2	2,000
Salmonella	2	3	3,200

paratyphi-enteric fever			
Nitric comma (cholera)	2	3	3,375
Leptospira canicola (infectious jaundice)	2	3	3,150
Virus			
Infectious hepatitis	4	6	5,800
Poliovirus poliomyelitis	2	3	3,150
Influenza	2	3	3,400