



## CLEANING AND STERILIZATION INSTRUCTIONS STERIS™ V-PRO 1 PLUS, V-PRO maX, V-PRO 60

**ATTN: PROBES ARRIVE NON-STERILE.  
CLEAN & STERILIZE BEFORE EACH USE**

### SUGGESTED CLEANING PROCEDURE FOR THE FOLLOWING KOVEN TECHNOLOGY, INC. SURGICAL PROBES:

VRP-08 / VRP-20	NRP-10H / NRP-20H	BP5M05S8A	NP10M2S8AF
LRP-08	FDP-08	BP8M05S8A	NP20M1S8A
HP10M2N5AF	P5M05S8A	BP10M5S8A	NP20M12S8AF
HP20M1N5AF	P8M05S8A	PP8M05N5A	CRP-10H / CRP-20H
VDP-08A / VDP-10A	P10M5S8A	PP10M5N5A	CRP-20H1N

**CLEANING:** Probes must be cleaned to remove contaminating substances prior to sterilization. After each use, perform initial cleaning within the sterile field by wiping the probe free of blood and body fluids. Then, pass the probe out of the field. Disconnect the probe (and any adaptor) from the Doppler unit, clean the probe tip and housing thoroughly with a mild soapy solution, a soft cloth with an enzymatic cleaning solution, or alcohol-based wipe. If using an enzymatic cleaning solution, wipe the probe again using mild soapy water or an alcohol-based wipe. Do not soak. Complete preparation for sterilization in accordance to hospital procedure using an approved probe cleaning agent.

**STERILIZATION:** In accordance with V-PRO 1 Plus Sterilizer Non Lumen Cycle, V-PRO maX Non Lumen Cycle, or V-PRO 60 Non Lumen Cycle.

#### **CYCLE PARAMETERS:**

V-PRO Sterilization Cycle	Sterilant Exposure (min)	Pre-injection pressure (Torr)	Cycle Time (min)
V-PRO 1 Plus Non Lumen Cycle V-PRO maX Non Lumen Cycle V-PRO 60 Non Lumen Cycle	12	1.0	28

**WARNING:** Do not sterilize the Doppler probes listed above by steam autoclaving. Steam sterilization is likely to damage the plastic probe tip and piezo-electric crystals. Utilize Koven/Hadeco probe number ACP-8 for steam autoclaving. Do not use an automatic washer/disinfector. Temperatures will cause probe electronics to melt.

**CONTRAINDICATIONS:** Hospital policy takes precedence over this protocol.

*Failure to use approved cleaning & sterilization procedures may void the warranty*

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