



DSD-91E, DSD-201, and SSD-102 Rinse Matrix for Pentax Endoscopes

The purpose of this rinse matrix is to provide information concerning the time required to deliver 100 mL of rinse water through Pentax endoscopes reprocessed in Medivators DSD-91E, DSD-201 and SSD-102 Automated Endoscope Reprocessors. It is not intended as an endorsement of the efficacy of rinse parameters recommended in the Directions for Use of legally marketed High Level Disinfectants. For more information on the use of, or rinse recommendations for specific High Level Disinfectants, contact the disinfectant manufacturer.

Listed below are rinse times required to fill the reprocessing basin and deliver a minimum of 100 mls of rinse water through each endoscope channel, assuming an internal regulated water pressure of 20 psi and use of appropriate endoscope hook-ups (refer to Pentax Endoscope Hook-up Application Guides, Document Number: MG04-0001)

To achieve this rinse volume, each rinse must be programmed for the time indicated in the DSD model column.

Software versions		DSD-91E v5.23, v6.06	DSD-91E v3.03, v4.07, v4.08	DSD-201 v2.69	DSD-201 v3.03, v4.07, v4.08
Number of rinses available		Two	Three	Two	Three
Endoscope Type	Endoscope Model	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:
Bronchoscope	EB-1170K	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	EB-1570K	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	EB-1970K	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	EB-1979TK	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-7P	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-8V	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-10V	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-10X	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-15BS	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-15P	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-15RBS	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-15V	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-15X	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-18BS	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-18P	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-18RBS	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-18RX	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-18V	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-18X	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-19TV	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-19TX	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-1530	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-1530T	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-1830	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-1830T	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-1900	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-1910	4 mins 10 secs	30 secs	30 secs	30 secs
Bronchoscope	FB-2000	4 mins 10 secs	30 secs	30 secs	30 secs
Choledochoscope	FCP-8P	4 mins 15 secs	35 secs	35 secs	35 secs
Choledochoscope	FCP-9P	4 mins 15 secs	35 secs	35 secs	35 secs
Choleschoscope/Nephroscope	ECN-1530	4 mins 10 secs	30 secs	30 secs	30 secs
Choleschoscope/Nephroscope	FCN-15X	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3400F	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3400L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3430F	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3430FK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3430FZ	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3430K	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3430L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3430LK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3430LZ	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3430M	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3430MK	4 mins 24 secs	44 secs	44 secs	44 secs

Software versions		DSD-91E v5.23, v6.06	DSD-91E v3.03, v4.07, v4.08	DSD-201 v2.69	DSD-201 v3.03, v4.07, v4.08
Number of rinses available		Two	Three	Two	Three
Endoscope Type	Endoscope Model	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:
Colonoscope	EC-3430MZ	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3440F	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3440L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3440LK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3440M	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3440MK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3470F	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3470FK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3470L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3440LK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3470M	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3470MK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3480FK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3480LK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3480MK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3485F	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3485FK	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3485L	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3485LK	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3485M	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3485MK	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3800F	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3800L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3800M	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3800TL	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3801L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3801S2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830F	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830F2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830FK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830FK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830FZ	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3830L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830L2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830LK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830LZ	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3830M	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3830M2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3830MK0	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830MK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830MZ	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3830S2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830TF	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830TFK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830TL	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830TLK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830TM	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3830TMK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3831F	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3831F2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3831FK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3831L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3831LK	4 mins 24 secs	44 secs	44 secs	44 secs

Software versions		DSD-91E v5.23, v6.06	DSD-91E v3.03, v4.07, v4.08	DSD-201 v2.69	DSD-201 v3.03, v4.07, v4.08
Number of rinses available		Two	Three	Two	Three
Endoscope Type	Endoscope Model	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:
Colonoscope	EC-3831M	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC3831M2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3831S2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3832L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3832TL	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840F	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840F2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840FK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840FK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840LK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840M	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840M2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840MK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840MK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840TF	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840TFK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840TL	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840TLK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3840TM	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870F	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870F2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870FK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870FK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870FZK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870LK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870LZK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870M	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870M2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870MK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870MK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870MZK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870S2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870SK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870TF	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870TFK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870TL	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870TLK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870TM	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3870TMK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3872L	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3872LK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3872LZK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3872TLK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3880FK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3880FK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3880LK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3880MK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3880MK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3880SK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3880TFK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3880TLK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3880TMK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3881FK	4 mins 24 secs	44 secs	44 secs	44 secs

Software versions		DSD-91E v5.23, v6.06	DSD-91E v3.03, v4.07, v4.08	DSD-201 v2.69	DSD-201 v3.03, v4.07, v4.08
Number of rinses available		Two	Three	Two	Three
Endoscope Type	Endoscope Model	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:
Colonoscope	EC-3881FK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3881LK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3881MK	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3881MK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3881SK2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	EC-3885F	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885F2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885FK	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885FK2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885L	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885LK	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885M	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885M2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885MK2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885S2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885SK2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885TFK	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885TLK	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	EC-3885TMK	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-34FX	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	FC-34LX	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	FC-38FV	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38FV2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38FW	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38FW2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38FX	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	FC-38FX2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	FC-38LP	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38LV	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38LW	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38LX	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	FC-38MV	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38MV2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38MW	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38MW2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38MX	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	FC-38MX2	4 mins 24 secs	44 secs	44 secs	44 secs
Colonoscope	FC-38SV2	4 mins 10 secs	30 secs	30 secs	30 secs
Colonoscope	FC-38SX2	4 mins 24 secs	44 secs	44 secs	44 secs

Cystoscope	ECY-1530	4 min 10 secs	30 secs	30 secs	30 secs
Cystoscope	FCY-15P	4 min 10 secs	30 secs	30 secs	30 secs
Cystoscope	FCY-15P2	4 min 10 secs	30 secs	30 secs	30 secs

Duodenoscope	ED-2330	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-2900	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3200	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3230	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3230K	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3240	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3240K	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3270K	4 mins 32 secs	52 secs	52 secs	52 secs
Duodenoscope	ED-3270TK	4 mins 32 secs	52 secs	52 secs	52 secs
Duodenoscope	ED-3280K	4 mins 32 secs	52 secs	52 secs	52 secs

Software versions		DSD-91E v5.23, v6.06	DSD-91E v3.03, v4.07, v4.08	DSD-201 v2.69	DSD-201 v3.03, v4.07, v4.08
Number of rinses available		Two	Three	Two	Three
Endoscope Type	Endoscope Type	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:
Duodenoscope	ED-3400	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3401	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3410	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3430	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3430K	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3430T	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3430TK	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3440	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3440T	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3440TK	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3470TK	4 mins 32 secs	52 secs	52 secs	52 secs
Duodenoscope	ED-3480TK	4 mins 32 secs	52 secs	52 secs	52 secs
Duodenoscope	ED-3485T	4 mins 32 secs	52 secs	52 secs	52 secs
Duodenoscope	ED-3630T	4 mins 10 secs	30 secs	30 secs	30 secs
Duodenoscope	ED-3670TK	4 mins 32 secs	52 secs	52 secs	52 secs
Duodenoscope	ED-3680TK	4 mins 32 secs	52 secs	52 secs	52 secs
Duodenoscope	FD-29X	4 mins 32 secs	52 secs	52 secs	52 secs
Duodenoscope	FD-34P	4 mins 32 secs	52 secs	52 secs	52 secs
Duodenoscope	FD-34V	4 mins 32 secs	52 secs	52 secs	52 secs
Duodenoscope	FD-34W	4 mins 32 secs	52 secs	52 secs	52 secs
Duodenoscope	FD-34X	4 mins 32 secs	52 secs	52 secs	52 secs

Gastroscope	EG-1540	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-1580K	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-1840	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-1870	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-1870K	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2430	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2470K	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2530	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2540	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2700	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2730	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2730K	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2731	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2770	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2770K	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2900	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2901	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2930	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2930K	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2930Q	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2931	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-2931K	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2940	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2940K	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2970	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-2970K	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-2980K	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-2985	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-2985K	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-3400	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-3430	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3430K	4 mins 29 secs	49 secs	49 secs	49 secs

Software versions		DSD-91E v5.23, v6.06	DSD-91E v3.03, v4.07, v4.08	DSD-201 v2.69	DSD-201 v3.03, v4.07, v4.08
Number of rinses available		Two	Three	Two	Three
Endoscope Type	Endoscope Type	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:
Gastroscope	EG-3430Z	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-3431	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3440	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3440K	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3470	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3470K	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3480K	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3485	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-3485K	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	EG-3800T	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3830T	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3830TK	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3831T	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3840T	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3840TK	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3870TK	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	EG-3880TK	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	FG-16V	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	FG-16X	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	FG-24V	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	FG-24W	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	FG-24X	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	FG-27X	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	FG-29P	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	FG-29V	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	FG-29X	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	FG-32X	4 mins 10 secs	30 secs	30 secs	30 secs
Gastroscope	FG-34W	4 mins 29 secs	49 secs	49 secs	49 secs
Gastroscope	FG-34X	4 mins 29 secs	49 secs	49 secs	49 secs

Intubation Scope	FI-7BS	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-7P	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-7RBS	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-9BS	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-9RBS	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-10BS	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-10P	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-10P2	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-10RBS	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-10WU	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-10WUBS	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-13BS	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-13P	4 mins 10 secs	30 secs	30 secs	30 secs
Intubation Scope	FI-16BS	4 mins 10 secs	30 secs	30 secs	30 secs

NasoPharyngoLaryngo	VNL-1130	4 mins 10 secs	30 secs	30 secs	30 secs
NasoPharyngoLaryngo	VNL-1170K	NO CHANNEL			
NasoPharyngoLaryngo	VNL-1330	4 mins 10 secs	30 secs	30 secs	30 secs
NasoPharyngoLaryngo	VNL-1530T	4 mins 10 secs	30 secs	30 secs	30 secs

Rhinoscope	FNL-7P	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-7RP2	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-10AP	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-10BS	4 mins 10 secs	30 secs	30 secs	30 secs

Software versions		DSD-91E v5.23, v6.06	DSD-91E v3.03, v4.07, v4.08	DSD-201 v2.69	DSD-201 v3.03, v4.07, v4.08
Number of rinses available		Two	Three	Two	Three
Endoscope Type	Endoscope Type	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:	Program each rinse time to:
Rhinoscope	FNL-10P2	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-10RAP	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-10RBS	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-10RP2	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-10RP3	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-10S	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-13P2	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-13RAP	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-13RP2	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-13S	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-15P2	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-15RP2	4 mins 10 secs	30 secs	30 secs	30 secs
Rhinoscope	FNL-15RP3	4 mins 10 secs	30 secs	30 secs	30 secs

Sigmoidoscope	ES-3800	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	ES-3801	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	ES-3830	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	ES-3830K	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	ES-3831	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	ES-3831K	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	ES-3840	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	ES-3870	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	ES-3870K	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	ES-3880K	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	ES-3885	4 mins 10 secs	30 secs	30 secs	30 secs
Sigmoidoscope	ES-3885K	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	FS-34P2	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	FS-34V	4 mins 10 secs	30 secs	30 secs	30 secs
Sigmoidoscope	FS-34W	4 mins 10 secs	30 secs	30 secs	30 secs
Sigmoidoscope	FS-38X	4 mins 24 secs	44secs	44 secs	44 secs
Sigmoidoscope	WC-3880K	4 mins 24 secs	44secs	44 secs	44 secs

Small Bowel Endoscope	VS-2900	4 mins 10 secs	30 secs	30 secs	30 secs
Small Bowel Endoscope	VS-3430	4 mins 24 secs	44secs	44 secs	44 secs
Small Bowel Endoscope	VS-3430K	4 mins 24 secs	44secs	44 secs	44 secs
Small Bowel Endoscope	VS-3440	4 mins 24 secs	44secs	44 secs	44 secs
Small Bowel Endoscope	VS-3440K	4 mins 24 secs	44secs	44 secs	44 secs

Ultrasound	EG-3630U	4 mins 29 secs	49 secs	49 secs	49 secs
Ultrasound	EG-3630UR	4 mins 29 secs	49 secs	49 secs	49 secs
Ultrasound	EG-3631U	4 mins 29 secs	49 secs	49 secs	49 secs
Ultrasound	EG-32UA	4 mins 29 secs	49 secs	49 secs	49 secs
Ultrasound	EG-334UX	4 mins 29 secs	49 secs	49 secs	49 secs
Ultrasound	EG-36UX	4 mins 29 secs	49 secs	49 secs	49 secs
Ultrasound	EG-38UX	4 mins 29 secs	49 secs	49 secs	49 secs

Uretero/Choledocoscope	FUR-9P	4 mins 10 secs	30 secs	30 secs	30 secs
Uretero/Choledocoscope	FUR-10P	4 mins 10 secs	30 secs	30 secs	30 secs
Uretero/Choledocoscope	FUR-13P	4 mins 10 secs	30 secs	30 secs	30 secs

Video Esophagoscope	EE-1580K	4 mins 10 secs	30 secs	30 secs	30 secs
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