

BCS Optical High Temp Borescope BCS-75 / (1 mtr Probe Test Results)

Date: 2021.10.20 to 2021.10.26		Product Type : High Heat 1m cable length)							
Test Instrument :Industrial Oven									
Section	Date	Start Time	End time	Duration(minute)	Oven Temp. (° C)	Air Pressure	Camera and Probe status		
01	2021. 10. 20	13:52	14:01	9	145° C up to 200° C	4.5 kg/cm ²	Image normal		
		14:01	14:14	13	200° C up to 250° C		Image normal, tube softer a little		
		14:14	14:23	9	250° C up to 252° C				
		14:23	14:29	6	252° C up to 266° C				
		14:29	14:33	4	266° C up to 270° C				
14:33	15:34	61	270° C	Image normal, Tube insertion parts turns yellow and hard					
02	2021. 10. 21	13:40	13:50	10	252° C up to 270° C		4.5 kg/cm ²	Image normal, Tube insertion parts remains yellow and hard a little.	
		13:50	14:51	61	270° C				
14:51		14:54	3	270° C down to 266° C					
03		14:54	14:58	4	266° C up to 270° C				
		14:58	15:54	56	270° C				
04	2021. 10. 22	14:14	14:17	3	268° C up to 270°	4.5 kg/cm ²			Image normal, Tube insertion parts remains yellow and hard a little.
		14:17	15:23	66	270° C				
15:23		15:52	29	270° C down to 194° C					
05		15:52	16:13	21	194° C up to 259° C				
		16:13	17:02	49	259° C up to 270° C				
17:02	17:21	19	270° C						
06	2021. 10. 23	14:13	14:34	21	240° C up to 270° C		4.5 kg/cm ²	Image normal, Tube insertion parts remains yellow and hard a little.	
		14:34	15:34	60	270° C				
15:34		15:37	3	270° C down to 263° C					
07		15:37	15:47	10	263° C up to 270° C				
		15:47	16:50	63	270° C				
08	2021. 10. 25	10:00	10:08	8	264° C up to 270° C	4.5 kg/cm ²			Image normal, Tube insertion parts remains yellow and hard a little.
		10:08	11:30	22	270° C				
11:30		11:32	2	270° C down to 190° C					
09		11:32	12:16	44	190° C up to 270° C				
		9:56	10:16	20	229° C up to 270° C				
10	2021. 10. 26	10:16	11:23	67	270° C				
		14:10	14:46	36	224° C up to 270° C				
11		14:46	16:38	112	270° C				

Total time of continuous temperature of 270° C :587mins ≈ 10 hours