



## DATA SHEET (BOD/COD/TOC/TSS)

	DOC. NO.		SHEET	1 OF 1
PROJECT :	REV.	DATE	PREP'D	CHECKED
CLIENT :	0			APPROVED
SITE :	1			
JOB NO. :	2			

### GENERAL

1	TAG NO.				
2	QUANTITY	P&ID NO.			
3	SERVICE				
4	LINE SIZE	LINE SCHEDULE			
5	PIPE MATERIAL CLASS				
6	ENCLOSURE CLASS (IEC)				
7					

### PROCESS CONDITIONS

8	FLUID	STATE	Sewage		
9		UNIT	MAX	NOR	
10	INLET PRESSURE	KG/CM <sup>2</sup> G		ATM.	
11	TEMPERATURE	DEG C			
12	VISCOSITY	cP			
13	OPERATING SPECIFIC GRAVITY				
14	% SOLID				

### SENSOR

15	MEASUREMENT PRINCIPL	Multiple wave length			
16	MEASUREMENT RANGE	BOD : 0-75/190/375/750 mg/L			
		COD : 0-150/375/750/1500 mg/L			
		TOC : 0-40/100/200/400 mg/L			
17	SAMPLING TIME	10 sec			
18	CALIBRATION	Zero to DI water			
19	CLEANING	AIR JET			
20	SELF-DIAGNOSTICS	Continuous detection of leaks, lamp output, humidity, temperature and electrical fault			
21	HUMIDITY CONTROL	Humidity sensor with desiccant pack			
22	WAVE LENGTH	Multiple UV and visible light wavelengths			
23	PROTECTION	IP 68			
24	INSTALLATION	Submerged			

### TRANSMITTER

25	MOUNTING	PANEL (optional)			
26	DISPLAY	10" colour LCD 1024 x 768,			
		Touch screen graphical interface			
27	OPERATING SYSTEM	Windows embeded			
28	MEMORY	32 GB			
29	INPUT	4 ~ 20 mA			
30	COMMUNICATION	Modbus TCP, RS 485, etc			
31	ELECTRICAL	AC 90-250V, 50/60Hz or DC 24V			
32	OPERATING TEMP.	0-45 °C			
33	STORAGE TEMP.	-20-60 °C			

### ACCESSORIES

34	MOUNTING BRACKET	YES			
35	CALIBRATION SET	YES			
36	SPECIAL CABLE	10 M			
37	CABLE GRAND	YES			

### MANUFACTURER

38	MANUFACTURER	NIVUS KOREA			
39	MODEL NAME				

#### NOTES:

1. Shall be include plant production and Certificate
2. Shall be include Site Calibration.
3. Shall be include Supply Operation & Maintenance Manual.
4. Shall be included Local Panel (Carbon Steel and Powder Coating) & Breaker, Terminal, etc.
5. Shall be include Power & Signal Arresters.
6. Shall be include Supply Accessory materials for Installation (Bracket, Chain, Bolts, Nuts, etc.)