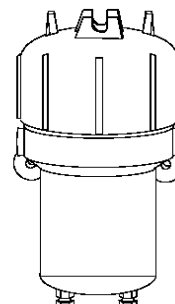
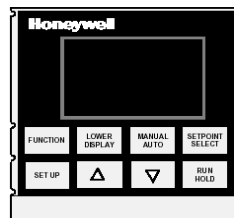


## 7866 Digital Gas Analyzer Triple Range, Thermal Conductivity *for Hydrogen Cooled Generator Applications*

## Model Selection Guide

- Factory configured for triple range applications
- Monitors CO<sub>2</sub> in purge cycle and H<sub>2</sub> in fill and operating cycle
- Utilizes thermal conductivity technology
- Optional remote range indicator
- Optional sample panel, see 7872 MSG 51-52-16-36 / GA-3
- See Prouct Spec 70-82-03-46 for further details



### Instructions

- Select the desired Key Number. The arrow to the right marks the selection available.
- Make one selection each from Table I using the column below the proper arrow.
- A dot (•) denotes unrestricted availability.
- Analyzer includes sensor, control unit and power supply

Key Number      I      II      III      IV      V      VI

\_\_\_\_\_ - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

KEY NUMBER	Selection	Availability			
7866 Digital Thermal Conductivity Analyzer <i>for Hydrogen Cooled Generator Applications</i> consisting of: a) 07866DHS2 Sensor Assembly (includes housing) b) 07866DHC2 Digital Control Unit	07866DHH2	↓			
7866 Replacement Digital Control Unit <i>Only</i> ( <i>for Hydrogen Cooled Generator Applications</i> )	07866DHC2		↓		
7866 Digital Remote Range Indicator	07866DRRI			↓	
7866 Replacement Sensor Assembly (electronics only)	07866HHSS				↓

**TABLE I - SENSOR POWER SUPPLY & LINE VOLTAGE**

None	0		•	•	•
Input Voltage 105 -125VAC, 50-400 Hz	2	•	•		
Input Voltage 210 -250VAC, 47-520 Hz	4	•	•		

**TABLE II - OUTPUT (PV RANGE)**

None	0			•	•
0-20 mA	1	•	•		
4-20 mA	2	•	•		

TABLE III - COMMUNICATIONS		Availability			
		Selection	DHH2	DHC2	DRRI
None	000	•	•	•	•
RS422/485/MODBUS	101	•	•		

TABLE IV - CONFIGURED FOR OPTIONAL INDICATOR USE

None	0			•	•
For Use Without 07866DRRI Indicator	1	•	•		
For Use With 07866DRRI Indicator	2	•	•		

TABLE V - FACTORY USE ONLY

Reserved for Use by Fort Washington	000	•	•	•	•
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TABLE VI - TAGGING

None	000	•	•	•	•
<b>Linen Tags:</b> 15 characters max. On each of three lines: Specify legend. One mounted on Control Unit; one on Sensing Unit.	206	•	•	•	•
<b>Stainless Steel Tags:</b> 15 characters max. On each of three lines: Specify legend. One mounted on Control Unit; one on Sensing Unit.	208	•	•	•	•

## ACCESSORY PARTS

Description	Part Number
Replacement Power Supply - Input Voltage 105-125VAC, 50-400 Hz	51450915-501
Replacement Power Supply - Input Voltage 210 -250VAC, 47-520 Hz	51450915-502
DIN Adaptor Plate	30755223-002