

PROTECH903 SPECIFICATIONS

PERFORMANCE	
Zero drift	+/- 2% F.S
Span Drift	+/- 2% F.S.
Accuracy	+/- 2% F.S. for ranges 1 to 50 ppm +/- 2.5% F.S. for ranges > 50 ppm +/- 3% F.S for ranges 0.5 to 1 ppm +/- 5% F.S. for ranges < 0.5 ppm
Repeatability	+/- 2% F.S. for ranges 1 to 50 ppm +/- 2.5% F.S. for ranges > 50 ppm +/- 3% F.S for ranges 0.5 to 1 ppm +/- 5% F.S. for ranges < 0.5 ppm
Sensitivity	1% F.S.
Linearity	+/- 2% F.S.
Response time:	30 seconds to alarm (excluding sample system)

ENVIRONMENT	
Ambient temperature	0°C to 50°C (32°F to 122°F)
Dimensions	H2S: 686 mm W x 838 mm H x 318 mm D (27" W x 33" H x 12.5" D) With TS option: 686 mm W x 1219 mm H x 318 mm D (27" W x 48 " H x 12.5 D)
Weight	H2S Div 1: 27.2 kg (60 lbs) H2S Div 2: 20.4 kg (45 lbs) TS Div 1: 36.3 kg (80 lbs) TS Div 2: 29.4 kg (65 lbs)

UTILITIES	
Power & consumption	H2S:10-32 VDC, 10 watts + 1.5 watts per solenoid H2S: 90-240 VAC, 50/60 Hz, 10 watts + 17 watts per solenoid TS: 90-240 VAC, 50/60 Hz, 250 watts + 17 watts per solenoid
Sample flow	100 cc/min, 1 Barg (0.21 SCFH, 15 psig)
Gas requirements	TS Option: Hydrogen 180 cc/min, 1 Barg (0.38 SCFH, 15 psig)

COMMUNICATIONS	
Digital Outputs	Modbus RS232, Modbus RS485, Modbus TCP/IP (optional) RS 485 Ethernet USB
Digital Inputs	4 dry contact, 4 wet
Analog Inputs	2 x 4-20 mA, user scalable, loop or self powered
Analog Outputs	6 x 4-20 mA, user scalable, loop powered
Relays	6 x SPDT relays, 5 amps @ 30 VDC or 8 amps @ 120/240 VAC

Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Нижегород (831)429-08-12	Смоленск (4812)29-41-54
Астана +7(7172)727-132	Калуга (4842)92-23-67	Новокузнецк (3843)20-46-81	Сочи (862)225-72-31
Белгород (4722)40-23-64	Кемерово (3842)65-04-62	Новосибирск (383)227-86-73	Ставрополь (8652)20-65-13
Брянск (4832)59-03-52	Киров (8332)68-02-04	Орел (4862)44-53-42	Тверь (4822)63-31-35
Владивосток (423)249-28-31	Краснодар (861)203-40-90	Оренбург (3532)37-68-04	Томск (3822)98-41-53
Волгоград (844)278-03-48	Красноярск (391)204-63-61	Пенза (8412)22-31-16	Тула (4872)74-02-29
Вологда (8172)26-41-59	Курск (4712)77-13-04	Пермь (342)205-81-47	Тюмень (3452)66-21-18
Воронеж (473)204-51-73	Липецк (4742)52-20-81	Ростов-на-Дону (863)308-18-15	Ульяновск (8422)24-23-59
Екатеринбург (343)384-55-89	Магнитогорск (3519)55-03-13	Рязань (4912)46-61-64	Уфа (347)229-48-12
Иваново (4932)77-34-06	Москва (495)268-04-70	Самара (846)206-03-16	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Мурманск (8152)59-64-93	Санкт-Петербург (812)309-46-40	Череповец (8202)49-02-64
Казань (843)206-01-48	Набережные Челны (8552)20-53-41	Саратов (845)249-38-78	Ярославль (4852)69-52-93