



WESTERN TEST  
SOLUTIONS

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## WTS400 Series CO2 OPTICAL BENCH



### SPECIFICATIONS:

#### Materials

Stainless steel sample cell, sapphire windows, selected o-rings, and Teflon tubing. For corrosive sample streams, a Kynar sample cell can be provided as an option.

#### Output Data Interface

Digital RS-232 output  
Analog output (optional)  
4-20 milliamp output (optional)

#### Accuracy

+ or - 1% of full scale

#### Repeatability

+ or - 1% of full scale

#### Span Drift

+ or - 1% of full scale per 24 hours

#### Noise Level

Less than 1% of full scale

#### Temperature Range

32 to 158 degrees F (0 - 70 degrees C)

#### Power Requirements

12 VDC Nominal  
50 watts maximum

#### External Power

10-16 VDC, less than 1A

#### Warm-Up

Ready for use in 5 minutes; fully stabilized in 15 minutes

#### Linearity

+ or - 0.5% of full scale fitted to theoretical curve

#### Zero Drift

+ or - 1% of full scale per 24 hours

#### Ambient Humidity

Up to 95% relative humidity

#### Dimensions

4.6" x 4.25" and path length of 3", 6", 8", 10", or 12"

#### Weight

2 pounds, 1 ounce (907.184 grams)

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