

# IAQ-CALC TSI

## Model 7515

TSI's IAQ-Calc™ Indoor Air Quality Meter 7515 is an outstanding instrument for investigating and monitoring indoor air quality or IAQ.

### SPECIFICATIONS

#### CO<sub>2</sub>

##### Sensor Type

Dual-wavelength NDIR  
(non-dispersive infrared)

##### Range Accuracy<sup>1</sup>

0 to 5,000 ppm  
±3.0% of reading or ±50 ppm,  
whichever is greater

##### Resolution

1 ppm

##### Response Time

20 seconds

##### Operating

##### Temperature

5 to 45°C (40 to 113°F)

##### Storage

##### Temperature

-20 to 60°C (-4 to 140°F)

##### Meter Dimensions

8.4 cm x 17.8 cm x 4.4 cm  
(3.3 in. x 7.0 in. x 1.8 in.)

##### Probe Dimensions

Length 7.0 cm (2.75 in.)  
Diameter 1.9 cm (0.75 in.)

<sup>1</sup> Accuracy with probe at 25°C (77°F). Add uncertainty of ±0.36%/°C (±0.2%/°F) away from calibrated temperature.



### APPLICATIONS

- Verify building HVAC system performance
- Examine building IAQ conditions to optimize worker productivity
- Comply with regulations and guidelines

### INCLUDED ITEMS

- Instrument
- Hard carrying-case
- (4) AA alkaline batteries
- Operation and service manual
- NIST calibration certificate

### FEATURES AND BENEFITS

- Low-drift NDIR CO<sub>2</sub> sensor for stable, accurate readings
- Sampling function records multiple point measurements
- Ergonomic, overmolded case design