

# Pro20i

Convenient • Accurate • Rugged



a xylem brand

*Rugged, reliable DO meter at the right price*

The YSI Pro20i measures dissolved oxygen (DO) with an electrochemical DO sensor. This instrument has many advantages over other DO instruments, including YSI legacy instruments such as the Model 55 and 550A. But why is the Pro20i an ideal instrument for measuring DO in the field? *Let us show you.*

- **Cap Membranes** | The cap has a membrane that is pre-stretched at the factory, so it's easy to install every time!
- **Improved Membrane Material** | Collect accurate data faster and easier with our improved membrane material that requires less stirring and provides a faster response time. Two membrane cap options are available.
- **Quick Cal** | A CAL key is right on the keypad. Simply press and hold for 3 seconds to calibrate the Pro20i.
- **Built-in Barometer** | A built-in barometer for automatic barometric pressure compensation ensures more accurate measurements than the Model 55 and 550A.
- **Sensor Options** | Sensors are user-replaceable and there are two sensor options. Galvanic sensors are instant-on, while polarographic sensors have a warm up time but tend to have a longer usable life.
- **High Accuracy** | Improved accuracy ( $\pm 0.2$  mg/L from 0 to 20 mg/L) compared to legacy instruments such as the Model 55 and 550A ( $\pm 0.3$  mg/L).
- **Wider Range** | A much wider measurement range (0 to 50 mg/L) compared to legacy instruments (0 to 20 mg/L).
- **Rugged** | Designed for the field - rubber over-molded case provides extra protection and prevents slipping; IP-67 (waterproof) rating and 1-meter drop rated. Long handheld (3-year) and cable (2-year) warranty.
- **Integral Cable** | A built-in cable keeps the instrument cost low and makes the Pro20i the direct replacement for the YSI Model 55 and 550A.



## Parameters (units)

Dissolved Oxygen

(DO%, DO% Local, ppm and mg/L)

Temperature

(°C, °F)

Barometric Pressure

(mmHg, inHg, mbar, psi, kPa)



The Pro20i features membrane caps that are much easier to install than stretch membranes.



The Quick Cal features makes DO calibration even easier. Press and hold the CAL key for 3 seconds to calibrate

Want to learn more? Please visit [YSI.com/Pro20i](http://YSI.com/Pro20i)

# Pro20i

# Instrument Overview



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*Rugged, reliable DO meter at the right price*



Rugged, durable field cable with a 2-year warranty

Ergonomic, light weight and easy to hold in one hand; adjustable right- or left-handed hand strap

Built-in barometer for accurate measurements and quick One Touch calibration; automatic pressure compensation

Display can be easily seen in all lighting conditions; backlit for use in low-light conditions and visible in direct sunlight even when wearing polarized sunglasses

One Touch Cal allows for easy DO calibrations within 3 seconds with the press of a button

Simple keypad allows for easy navigation through settings

Rubber over-molded case provides extra protection and prevents slipping; provides an IP-67 (waterproof) rating with or without battery cover; 1-meter drop rated from all angles

Glow-in-the-dark keypad

User-replaceable sensor  
Choice of galvanic or polarographic

Easy to install cap membrane  
Improved membrane material;  
less stirring and faster response

Integral (i.e. built-in) cable keeps cost low  
1, 4, 10 meter cable lengths available

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