

## Turbidity LAB-IR (ISO 7027) and Turbidity LAB-VIS (EPA 180.1)



The LAB-IR and LAB-VIS laboratory turbidity meters allow easy, fast and precise measurements of turbidity in liquids.

The Turbidity LAB-IR with infrared LED for nephelometric (90° scattered light) measurements is also suitable for measuring coloured samples.

For turbidity measurements in accordance with US EPA, a unit with tungsten lamp (white light) – the LAB-VIS – is also available.

The units are supplied ready for use, complete with a set of secondary standards (0.02 / 10 / 1000 NTU), 2 sample vials, mains cable and operating instruction.

### Delivery content

**Turbidity LAB-IR**, complete with standards 0.02, 10 and 1000 NTU, batteries and 2 empty sample vials

**Order code: 19 37 10**

**Turbidity LAB-VIS**, complete as above

**Order code: 19 37 00**

### Technical data LAB-IR and LAB-VIS

<b>Principle</b>	Nephelometric – non ratio
<b>Light source</b>	LAB-IR: IR-LED LAB-VIS: Tungsten lamp
<b>Range</b>	0 – 1000 NTU (Auto range)
<b>Resolution</b>	0.01 NTU (0-9.9 NTU) 0.1 NTU (10-99.9 NTU) 1 NTU (100-1000 NTU)
<b>Accuracy</b>	± 2% of reading or ± 0.01 NTU
<b>Response time</b>	< 6 seconds
<b>Operating temp.</b>	0 – 50 °C
<b>Sample volume</b>	30 ml (27 ml minimum)
<b>Dimensions</b>	237 W x 254 L x 121 H mm
<b>Weight</b>	approx. 1.32 kg
<b>Power supply</b>	100-240 V