



## Technical data

### TurbiDirect

<b>Principle</b>	nephelometric (90° scattered light)
<b>Light source</b>	IR-LED (860 nm)
<b>Keypad</b>	conditional acid and solvent resistant; membrane switch keypad with audible feedback
<b>Auto - Off</b>	automatic switch off approx. 20 minutes after last key press
<b>Display</b>	Graphic-Display
<b>Update</b>	Software update via Internet
<b>Memory capacity</b>	Memory 1000 data sets with date, time and registration number
<b>Sample volume</b>	approx. 12 ml
<b>Range</b>	0.01 – 1100 NTU (Auto range)
<b>Resolution (NTU)</b>	0.01 from 0.02 - 9.99(NTU) 0.1 NTU from 10.0 - 99.9 1 NTU from 100 - 1100
<b>Accuracy (NTU)</b>	± 2 % of reading or 0.01(NTU) (0 - 500) ± 3 % of reading (500 - 1100)
<b>Ambient conditions</b>	temperature: 5-40°C at 30-90% relative humidity (non condensing)
<b>Interface</b>	RS232 for printer and PC- connection; 9-pin D-sub-mail connector; data format ASCII
<b>Power supply</b>	7 NiCd rechargeable batteries (Type AA/Mignon with 800 mAh); wall plug mains adapter (Input: 100-230V, 50-60Hz; Output: 15V;530mA) and Lithium battery (CR 2032, 3V) for data storage and real time clock.
<b>Weight (instrument)</b>	approx. 1000 g including batteries and power pack
<b>Dimensions</b>	approx. 265 W x 195 H x 70 D
<b>Specifications</b>	meets ISO 7027
<b>Approval</b>	CE
<b>Guarantee</b>	2 years
<b>Order code</b>	19 40 00 19 40 10 (international version) 19 40 20 (U.K. version)