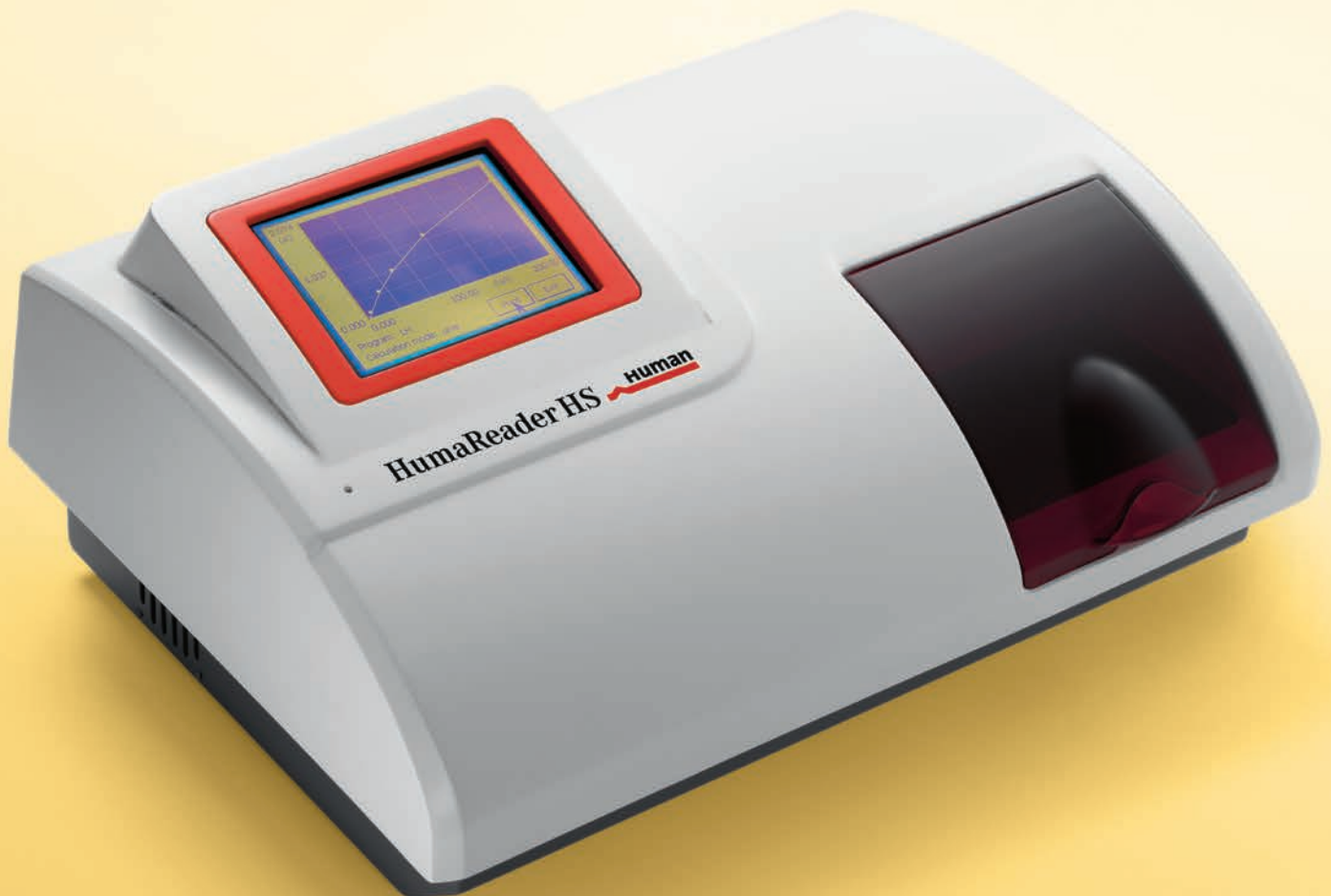


# HumaReader HS

## Microtiter Plate Reader

- > High-Speed Reading
- > State-of-the-art Technology

**ELISA**

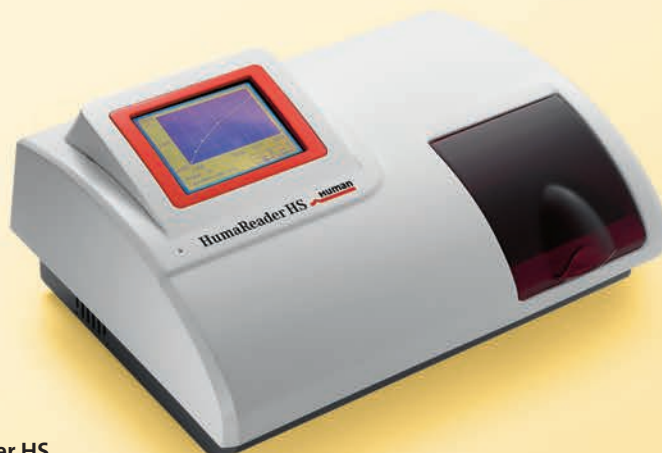


**Human**

Diagnostics Worldwide

# HumaReader HS

## Excellent Speed and Performance



HumaReader HS

Cat. No. 16670

### Easy Operation

- > Large LCD display with touch screen
- > Windows software

### High-Speed Reading

- > Reads a complete plate in just 5 seconds
- > 8-channel fiber optics

### Sophisticated On-Board Software

- > Pre-programmed for HUMAN ELISA tests plus open protocols for user-defined assays
- > Extensive on-board data analysis
- > Stored calibration curves
- > Patient database including patient-specific reports
- > Print programs
- > 4 PL calculation mode
- > Kinetic reading mode

### Memory

- > 200 methods
- > 10,000 results

### Plate-Shaking Capability

### Technical Data

<b>Weight</b>	Net 7 kg
<b>Dimensions</b>	460 mm (W) x 400 mm (D) x 350 mm (H)
<b>Power</b>	AC 110 V – AC 250 V, 50–60 Hz
<b>Fuses</b>	250 V/3.15 A
<b>Work environment</b>	>Temperature 10°C – 40°C; humidity 20% – 85%
<b>Storage environment</b>	–20°C – 50°C
<b>Lamp</b>	Halogen, 8 V/50 W
<b>Standard wavelength</b>	405, 450, 492, 630 nm (substitute filters from 400 – 700 nm available)
<b>Abs range</b>	0 – 3.500 A
<b>Measurement range</b>	0 – 2.000 A
<b>Accuracy</b>	0 – 2.0 A: $\pm 1.0\%$ or $\pm 0.007$ A
<b>Precision</b>	0 – 2.0 A: $\pm 0.5\%$ or $\pm 0.005$ A
<b>Linearity</b>	$\pm 2.0\%$ or $\pm 0.007$ A
<b>Reading speed</b>	Continuous mode < 5 sec, step by step mode < 15 sec
<b>Warm-up time</b>	1 minute
<b>CPU</b>	Embedded RISC CPU
<b>Interface</b>	RS-232C serial interface, parallel printer interface
<b>Display</b>	5.7" LCD display (320 x 240 discernability, 256 gray scale)
<b>Input</b>	Touch panel and pen

# Human

Diagnostics Worldwide