

# The Salzburg Reading Desk



### Reading Acuity test result data:

- Words per minute (WPM)
- Characters per minute (CPM)
- Words missed (reading speed recalculated when missed words are selected)
- LogMAR
- Average reading distance
- Average reading time

### Reading distance choices:

- 40cm
- 66cm
- 80cm
- Total measurement range from 25cm to 90cm

### Test Parameters

- **Eye selection**
  - Both
  - Left
  - Right
- **Contrast setting as % (Michelson scale):**
  - 100
  - 75
  - 30
  - 10
  - 05
- **Luminance setting as % of  $c/m^2$** 
  - 100
  - 20
  - 10
  - 2

### Sentences (note that sentences are randomized to prevent familiarization):

- Salzburg Sentences in German only
- Colenbrander style (by Precision Vision or Morovia) 10 languages:
  - Czech
  - English
  - Dutch
  - French
  - German
  - Greek
  - Italian
  - Portuguese
  - Russian
  - Spanish
  - Swedish

# Screen shot after exam

The screenshot displays the SRD Vision software interface. On the left, there are two graphs: 'Reading Time' showing a sound waveform and 'Reading Distance' showing a graph of distance over time. The top right section contains 'Exam Parameters' with settings for Eye (Both), Contrast (95), Luminance (100), Corrective Lenses? (NO), Select Sentence Group (Colenbrander English), Select Letter Size (.25), and Test Distance (NEAR). Below this are control buttons: Start, Stop, Clear Graph, and Store Data. The middle right section shows 'Patient Information' for Patient Id: 0001, Last Name: Tester, First Name: Tim, and Birth Date: 01-01-1990. Below that is 'Word Verification' with two sentences: 'The two boys fell asleep under a large tree.' and 'I did not want to be late for my work today.' The bottom right section shows 'Study: ABC not 2', Investigator: Dr J Bakers, and a table of exam dates and times. A 'Print Exam Report' button is located at the bottom center.

Feature	Description
Power	110v to 220v
Display & backlighting	IGZO LED
Display resolution dot pitch	0.085
Display resolution dots/inch	2560 X 1600 PPI = 299
Display viewing angle for critical induced contrast	160 degrees
Display screen size (diagonal)	10.1 inches 25.65 cm
Display brightness (cd/m <sup>2</sup> )	400
Display color	16 M
Microphone	Built in or external
Screen life*	10,000 hours
Cameras	2 USB IR webcams
Dimensions with monitor up including cameras	Tablet and stand: 14.5" wide by 12" deep by 15" high 37cm x 30.5cm x 38cm Tablet, stand, PC/Monitor, keyboard & mouse: 34" wide by 16" deep by 17" high 86cm x 41cm x 43cm

**SRD Vision, LLC**  
 702 N. 3rd St., Suite 22  
 Philadelphia, PA 19123  
 Ph: +1-347-321-8518  
[info@srdvision.com](mailto:info@srdvision.com)  
[www.srdvision.com](http://www.srdvision.com)

European patent issued. USA patent 9,704,411

The SRD is commercially available in countries that recognize the CE mark. It is available in the USA as an FDA exempt device.