



# Scanmarker



## Tool Description

Scanmarker is a pen-shaped digital highlighter that works as text to speak device. The user can slide it across any printed text and it instantly transfers the text into any application on their computer.

Scanmarker's design facilitates user-friendly scanning. Its technology enables fast and accurate recognition of multiple languages and instantly creates editable text. Scanmarker is connected to the computer via USB or Bluetooth. The integrated text-to-speech function lets the user hear the text being read back to him while it's being scanned into his computer. It's also a great memorizing tool – enhancing memory as well as comprehension of the scanned material. At a cost of 145,00 Euros this device can make the difference when it comes to designing a learning strategy for an SLD student.

## What is the challenge the tool can solve?

Reading is a key skill and having a learning disorder does not preclude people from reading. The physical act of reading is the hurdle here: things like imagery, language, subtext, theme, and so on, all exist outside the written world. Following the text, decoding the words, struggles with phonemic awareness, sentence construction and cohesion those are all various struggles that discourage students from reading.

## What are the benefits for Dys persons?

Scanmarker is an OCR (Optical Character Recognition) device that literally reads the page for the pupil. By running the Scanmarker across any kind of printed text, it will instantly transform it into digital data. This data can then be used in any number of ways that can assist the pupil. It can read the piece back to them in real time, in a calm, soothing and, above all, human voice. There is also an option to copy the text into an MS Word document (or another app), where you can make any modifications, until you find a combination that the pupil finds easy to read. It can even translate the work into a foreign language, which is a great assistance for DYS students, who often have difficulties learning a second language. The device easily fit into pocket or a bag.

KE.D.D.Y., Greek partner of MOOC DYS project had the opportunity to test the Scanmarker and it seems that students with SLD can find a great help by using such a portable scanner. Especially, the listening feature (after the scan) is an added value to the learning process and helps the students memorize in a more efficient way. Furthermore, the device can scan (and read) handwritten text, which allows students with SLD to receive text from other students or educators and cope with it.

## Example of use in daily life



Scanmarker Air



Mentis Scanmarker