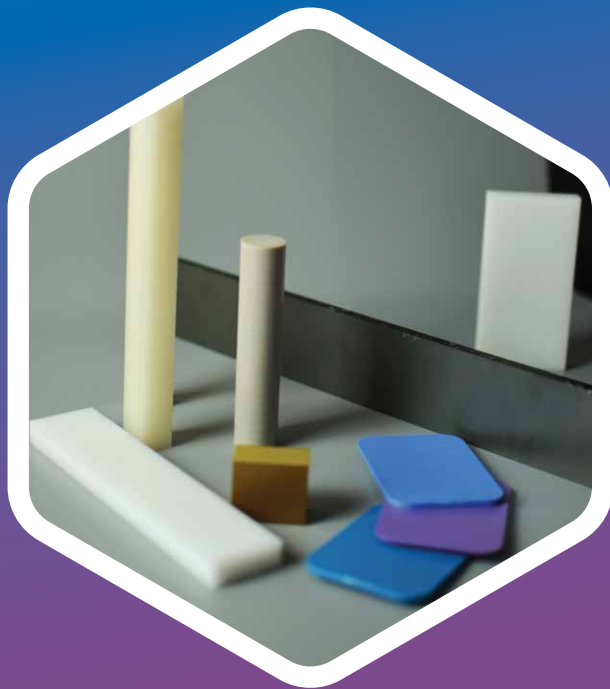


Matoha

What will you scan next?



Plastics identification
and sorting solutions

PlasTe

Key features

- ✓ Complete solution - no additional accessories, libraries or subscriptions required
- ✋ Super-easy to use
- ⚡ Instant identification of plastics (0.5 seconds)
- 🏷 Supports all common plastics, except carbon black pigmented
- 🍻 Transparent and opaque samples supported
- ☁ Cloud-enabled for detailed insights into scanning data, for operations and traceability
- 📱 Free iOS / Android app included
- 📈 Scalable - buy as many as you need to scale-up your sorting
- 💡 Programmable LED colour

For example, you can configure the device to show green for the plastic you want to keep and red for rejected plastic.





Technical Details

Operating Principle NIR reflectance spectroscopy, within a band in the 1-2 μm range. On-board AI algorithms instantly interpret the results

Power supply Micro-USB power adapter or optionally, built-in rechargeable battery (PRO version)

Connectivity Bluetooth LE (app connectivity) and 2.4 GHz Wi-Fi (to receive updates) & open source communication library

Footprint 14x13x10 cm, 0.5 kg

Warranty One year standard warranty

The machine supports 25 plastics:



Example Applications

Plastic waste sorting Increase the value of your sorted plastics by using PlasTell - the 0.5 second identification time means that you can sort a large number of plastics quickly and accurately.

The programmable LED (below the screen) allows you to configure a particular colour for a specific composition (e.g. green for PET), so that your sorters can sort quickly.

Quality Control Use our app to record any additional information about each sample and then export all the results using the cloud interface, in an Excel-friendly format. This enables you to quickly and efficiently perform QC and waste stream audits.

Research & education Use our machine to educate the public about the benefits and challenges of plastics sorting enabling efficient recycling!

You can even add your own materials using our app!

The performance & accuracy depend on a number of factors, such as the cleanliness of the samples and correct measurement technique. For maximum accuracy we recommend only enabling the materials you expect in your waste stream.

Please note that PlasTell is unable to identify black/dark plastics containing the carbon black pigment. Specialist plastics can be added upon request.

Speak to us for further details!

PlasTell devices

We have a plastics scanner for any use case for maximum integration and productivity



PlasTell Desktop

The PlasTell Desktop version is an all-round device for a range of use cases. It can be powered by an optional built-in battery and supports both transparent and opaque plastics.

PlasTell Bench

Do you need to sort a lot of waste? PlasTell Bench has got you covered with its robust footprint, built into a bench or a desk. We can even supply the furniture!



PlasTell Handheld

Our PlasTell Handheld is a simple solution for quick measurements around your site. The device comes with a built-in battery and a removable handle to allow easy access.

Sensing module

Thinking of building an automated system or a reverse vending machine? We've got you covered with our Sensing module.



Get in touch now!

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