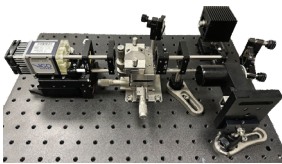
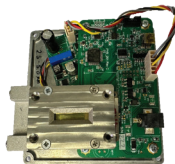


# Flexible mid-infrared photonic solutions for rapid farm-to-fork sensing of food contaminants

The PHOTONFOOD project aims to enable testing in smaller batches throughout the food value chain. To achieve this, the project partners are developing two devices allowing accurate testing at radically reduced costs per sample. The first one is handheld, tailored for daily monitoring along the whole food chain and even retail, which is feasible due to its low envisioned price. The second device is medium-cost and portable, delivering high-fidelity data at relevant detection limits.



HI-FI device

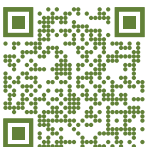


MI-FI device

- ✓ On-site, low-cost monitoring and testing
- ✓ Food free from mycotoxins and other contaminants
- ✓ Validation and demonstration in real scenarios along the food value chain



PHOTONFOOD team with the prototype



To view video demonstration of the devices, visit [photonfood.eu/outreach-materials/](https://photonfood.eu/outreach-materials/)