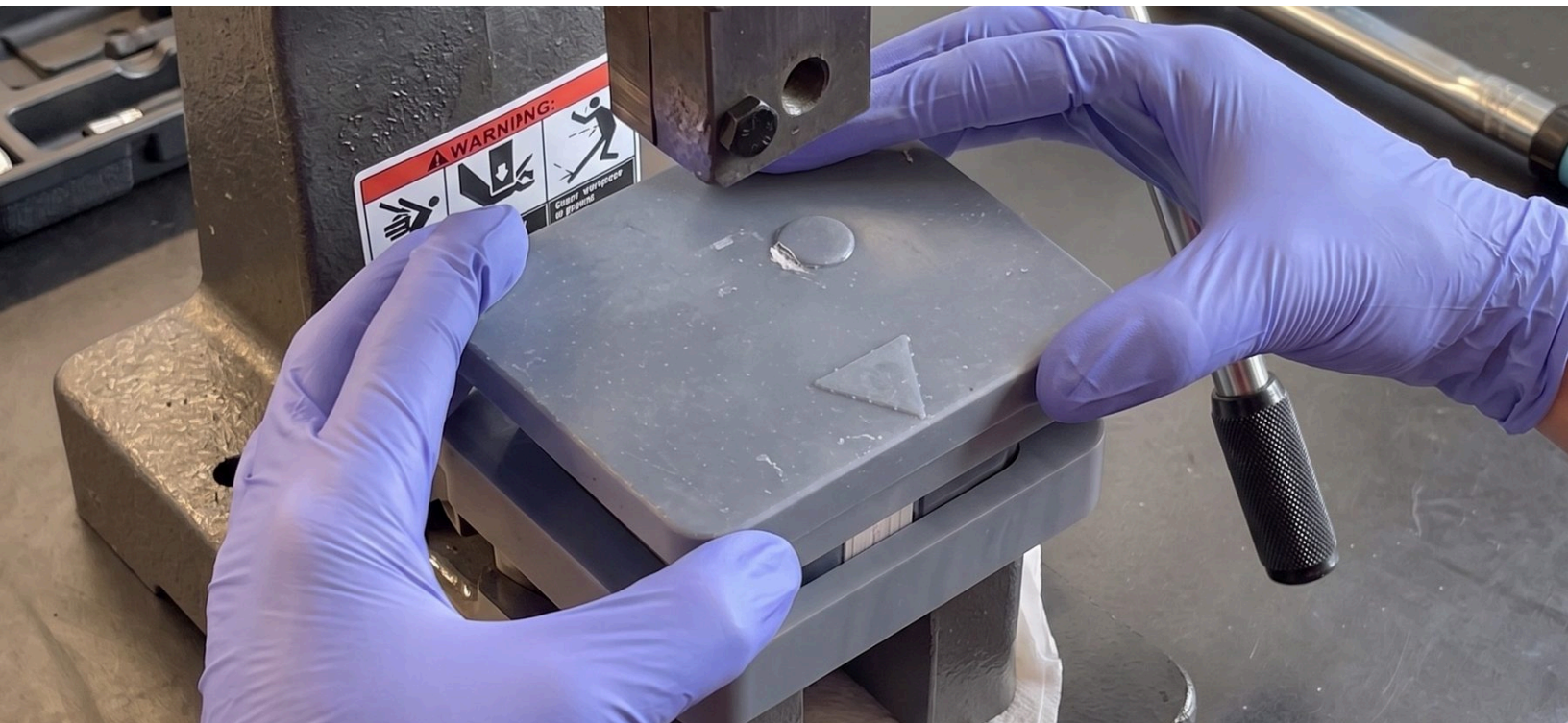


PRODUCT LAUNCH AND CONTRACT ASSEMBLY | MEDICAL DIAGNOSTICS

Built by scientists. Turned into a process RELY could run.

A medical diagnostics developer relied on its scientists to assemble cartridges by hand. RELY documented the work in 18 visual assembly and inspection steps, joined the customer's lab build eight weeks after the first process walk, and later assembled 300 cartridges at RELY.



Seating the device cover plate with a hand press.

Program photo

8 wks From first process walk to joint build at the customer's lab

1,100 Total output from a 3-day joint build at the customer's lab

18
Documented assembly and inspection steps

3
Critical-to-quality inspection gates

300
Cartridges later assembled at RELY, fall 2022

Customer name and process specifications withheld. Source: RELY project records, February through fall 2022.

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The know-how lived with the scientists. The next team needed **a process it could follow.**

The customer's scientists developed the device and were building it themselves in 1,000-unit lab lots. Demand was arriving faster than the lab could build, and the details that made a good unit lived with the people who built them. RELY's job was to turn that know-how into an assembly process another team could follow.

RELY'S SCOPE

- | | |
|--|---|
| <p>01 OBSERVE THE BUILDS
Worked alongside the builds at the customer's lab and recorded every station.</p> | <p>02 DOCUMENT THE ASSEMBLY
18 visual assembly and inspection steps, with correct and incorrect examples.</p> |
| <p>03 BUILD IN QUALITY GATES
Three inspection gates positioned where defects were easiest to introduce and hardest to catch downstream.</p> | <p>04 ADVISE ON TOOLS AND SUPPLIES
Recommended press assist, magnified lighting, count tools and supplies for scale.</p> |
| <p>05 JOIN THE BUILD
RELY operators joined a 3-day joint build at the customer's lab. Total output: 1,100 cartridges.</p> | <p>06 PACKAGE TO SPEC
Controlled heat-seal packaging, each serialized cartridge matched to its bag.</p> |

From expert know-how to **documented assembly.**

01 Observe

FEBRUARY 2022

First process walk at the customer's lab. Every station recorded.

02 Document

MARCH TO APRIL 2022

Assembly and inspection instructions drafted, then revised with the customer.

03 Build together

APRIL 2022

RELY operators joined a 3-day joint build at the customer's lab: 1,100 cartridges total.

04 Assemble at RELY

FALL 2022

300 cartridges assembled at RELY. The work now ran outside the lab.



Cartridge assembly during the build at the customer's lab, 2022.

From the scientists' bench to assembly at RELY: 300 cartridges in fall 2022.

DO YOUR EXPERTS STILL BUILD EVERY UNIT?

Let's talk through the next build.

Tell us how the product is built today and where the process gets stuck. We'll identify what needs to be documented and scope a practical pilot.



Scan to discuss
your program

RELY
CONTRACT MANUFACTURING

Discuss your program

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