Innovation
in one Box

startZ
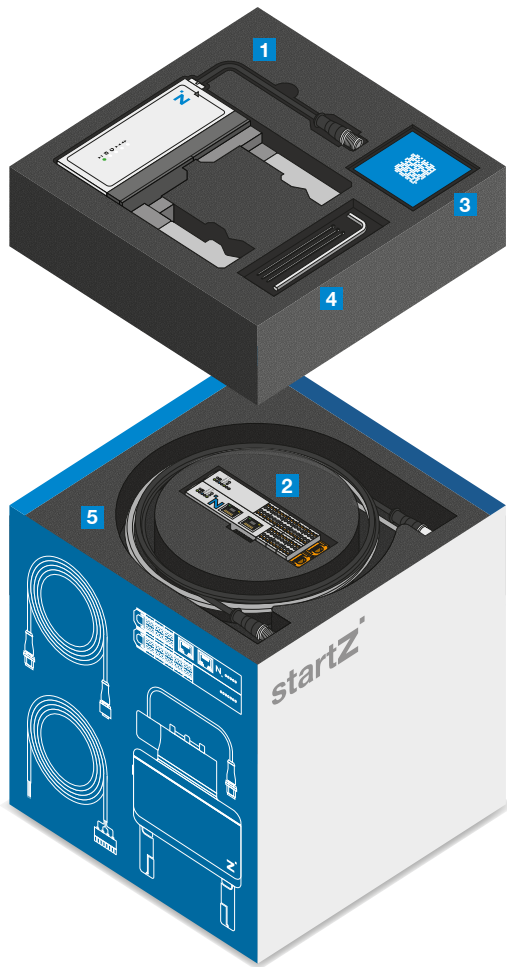
ZIMMER group

startZ
INNOVATION IN ONE BOX

PLUG& WORK

The robot starter box

startZ is one of the easiest options for turning your idea for a robot application into a reality in no time at all. All the necessary components are located in a single box. Everything is integrated, including the gripper, communication module with intuitive operating software, and tools.

► **YOUR BENEFITS**

- ► All components ready to connect in one box
- ► Intuitive guideZ setup software
- ► Manufacturer-specific Comfort app for actuating the gripper via the robot control panel
- ► Mounting material included
- ► Required assembly tools included

1 **Gripper**
The central element between the workpiece and robot. Including universal gripper fingers to ensure the first use runs without a hitch.

2 **Communication module**
The interface between the robot controller and end effector with intuitive software for setting up the gripping parameters.

3 **ComfortApp**
The app for actuating the gripper from the robot control panel. The convenient solution for setup and automatic modes.

4 **Tools**
All accessories integrated, such as tools and mounting material.

5 **Connection elements**
All connection elements needed for operating and setting up the system included.

► **SUPPORTED ROBOT MANUFACTURERS**

We are constantly expanding our portfolio for startZ. A current overview of all supported robot types as well as additional information can be found on our website at
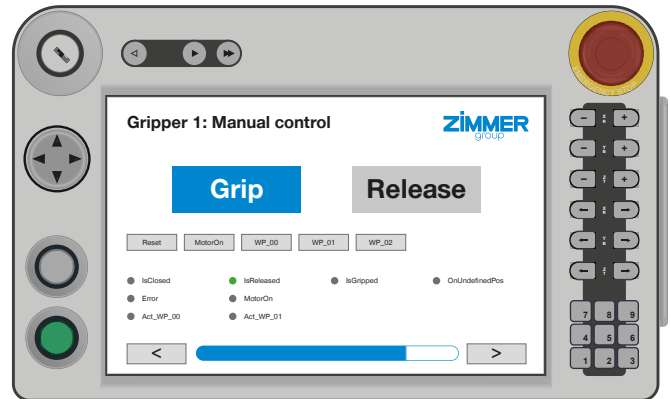**www.zimmer-group.com/en/starterbox**

Software modules

guideZ is a wizard for commissioning components quickly and extremely easily. It enables user-guided implementation and commissioning for truly anyone. Users can switch between guideZ, expertZ and monitorZ mode with one and the same software module.

expertZ is the software tool for all gripping experts. It makes it possible to use the option of optimizing the gripper parameters defined in guideZ for the specific application. monitorZ is used to monitor the gripper unit status at a glance during operation. Gripper positions, operating statuses – everything on one screen to guarantee maximum system availability.

Comfort App

The Comfort app, coordinated to the robot manufacturer, makes it possible to actuate and operate the gripper conveniently and directly using the respective robot control panel. The easiest setup mode and all necessary commands for hitch-free automatic mode.

Robot control panel

Topology

The ready-to-connect SCM communication module is placed in the robot controller and connected to the controller using the ready-to-connect cable. The respective gripper can now be connected using an external or internal robot cable. The gripping parameters are taught in using a standard PC. The temporary network connection for this is not needed beyond setup. The gripper can then be used via the robot control panel and the Zimmer Comfort app installed on it.

Temporary Ethernet connection

guideZ
expertZ
monitorZ

IO-Link - digital I/O
Zimmer Group SCM

Comfort App

Digital I/O

24 V master supply

IO-Link connection cable
5 m M12-connecting cable 5x0.34
(max. cable length 10 m)

Robot control system