Zwick / Roell

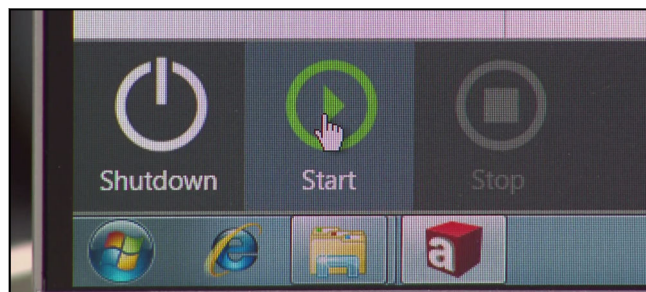## Product Information
autoEdition3 automation software

autoEdition® 3

autoEdition is the most powerful modular software platform for automation requirements.

autoEdition consists of multiple individual components such as the specimen database, sequence controller, device drivers and optional additional components. The components are linked via the COM/DCOM software bus.

autoEdition runs on a self-contained industrial computer and Windows 10.

autoEdition3 automation software controls and monitors automatic sequences, components and devices. It can be used across all industries and is designed for a wide range of different automation tasks.

It consists of the following components:
- basic package (always required)
- device drivers
- sequence controller
- engineering

Advantages and features
- Consistent application of the look and feel of testXpert III's user interface allows the user to experience the benefits of intuitive operation right from the start with autoEdition3.
- In conjunction with testXpert III, autoEdition3 delivers traceable, tamper-proof results.
- Secure data management through simple back-up and recovery via workflow wizard or 1-click image.
- Test results are quickly and easily available on a cross-platform basis via visualization (option).
- The data generated by the robot is immediately available as a text message, e-mail or online (option)
- With the optional and fully administrable Gateway PC, autoEdition3 offers an OS-independent connection to customers' IT systems.
- autoEdition3 was developed on the basis of the principles and objectives of Industry 4.0 and cyber-physical-systems (CPS).

Basic package

Description	ArticleNumber
autoEdition3 **basic package, German** • specimen management / database • input dialogs • results management	**1041879**
autoEdition3 **basic package, English** • specimen management / database • input dialogs • results management	**1041880**
autoEdition3 **'Light' basic package** for roboTest H • specimen management / database • input dialogs • results management	**1041882**
autoEdition back-up package for backing up the contents of the Siemens IPC hard drive to storage medium supplied.	**043425**

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Device drivers
The individual components are connected by software bus to an overall system as independent device drivers. Communication between devices and the sequence controller is via a COM/DCOM interface.

Description	ArticleNumber
autoEdition3 device driver For integrating a ZwickRoell **materials testing machine** with testXpert	**623934**
autoEdition3 device driver For integration of a ZwickRoell **specimen magazine**	**623936**
autoEdition device driver For integration of a **barcode/2D code reader**	**630110**
autoEdition3 device driver For integration of a ZwickRoell **cross-section measuring device**	**623940**
autoEdition device driver For integration of an Indentec 8150SK oder 5030TKV **hardness tester**	**623942**
autoEdition device driver For integration of a **Hommel roughness measuring device**	**630033**
autoEdition3 device driver For integration of a ZwickRoell **pendulum impact tester**	**635322**
autoEdition device driver For controlling a **displacement unit in the cross-section measuring device** (multiple measurement)	**640304**

Sequence controller
From a software point of view, specimens pass through the system as "specimen objects" ("digital route cards"). Each connected device only communicates with the specimen object assigned to it at a defined point in time.

Description	ArticleNumber
autoEdition3 sequence controller for **roboTest A/B/C** testing system	**630150**
autoEdition3 sequence controller for **roboTest F** testing system	**623930**
autoEdition3 sequence controller for **roboTest H** testing system	**033666**
autoEdition3 sequence controller for **roboTest I** testing system	**635324**
autoEdition3 sequence controller for **roboTest L** testing system	**623920**
autoEdition3 sequence controller for **roboTest L** testing system for O-rings	**623932**
autoEdition3 sequence controller for **roboTest P** testing system	**635193**
autoEdition3 sequence controller for **roboTest R** testing system	**623922**