

SkillsUSA Package

Robotics & Automation Competition with the SCORBOT-ER 4u



For over 25 years, **intelitek** has been a supplier of complete solutions for technical education. Our products include training solutions for robotics, engineering, manufacturing, civil engineering and more, totaling over 2000 hours of quality content and accompanying hardware as well as complete Learning Management solutions for the classroom.

intelitek's package for the **SkillsUSA Robotics and Automation Competition** provides everything needed for successful completion of the competition.

intelitek's SkillsUSA Robotics & Automation Competition package



Using intelitek's **SCORBOT-ER 4u** robot, the competition employs the team approach to help develop students' skills in cutting edge robotics and automation technology. Using **intelitek's** industrial-class technology and equipment, teams combine resources to solve problems in a scenario right from the world of manufacturing engineering.

With over 25,000 CNC Machines and robots installed worldwide, intelitek has become the standard in benchtop robotics training for Engineering and Manufacturing programs.

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Package specifications

Robotics & Automation Package

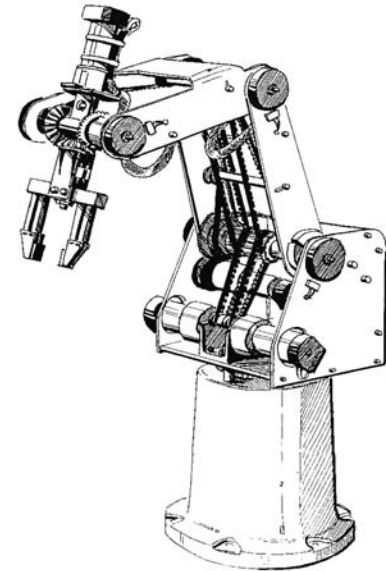
Item #10-7018-0000

Item #	Qty	Description
21-0006-0001	1	Competition Sensor Box
21-0006-0002	1	Pneumatic Block Feeder, 12V
21-0006-0003	1	I/O Interface
21-0006-00051		12v Robotic Workcell Power Supply Assembly
21-0006-0006	1	E-stop/Light Stack Assembly
21-0006-0007	1	Energy chain with mount
21-0006-0004		Additional Components itemized below:
32-5300-0101	50 ft	18 AWG Cable, 1 twisted pair
31-0807-0010	2	1.65" Aluminum Block, Solid
31-0807-0011	2	1.65" Aluminum Block w/hole
31-0807-0012	2	1.65" Plastic Block, Solid
31-0807-0013	2	1.65" Plastic Block w/hole
32-8500-0008	20	1/8" Cable Clamp, Blk
32-8500-0007	20	1/4" Cable Clamp
32-5400-0471	1	6 Conductor Cable, 8 ft.
32-5400-0472	2	12 Conductor Cable, 8 ft.

The SkillsUSA Robotics and Automation Competition package includes all the accessories necessary for the competition, with or without the SCORBOT-ER 4u robot.

For those who already possess the SCORBOT-ER 4u robotics workcell and wish to add the competition components, order item #10-7018-0000.

If you need the complete system including the ER-4u robot workcell, order item #10-7017-0000.



Item #10-7017-0000

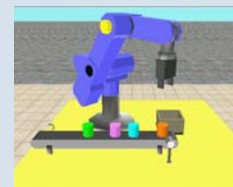
includes all of #10-7016-0000 with the following additional items:

Item #	Qty	Description
000413	1	SCORBOT-ER4u
001709	1	Teach Pendant
001020	1	Linear Slide Base
10-5803-0000	1	Linear Conveyor-w/ 24V Power

The Robotics and Automation package integrates seamlessly with intelitek's other dynamic programs, allowing you to leverage and expand the capabilities of your lab.



LearnMate



- **LearnMate** web-based classroom management system (LMS)
- Robotics & CNC online **curriculum**
- **CAD/CAM** curriculum and software
- **RoboCell** 3-D robotics simulation software
- **CNCMotion** CNC simulation software
- **CIMFlex** software with complete CIM capability
- **Mechanical Measurement and Quality Control** curriculum and hardware
- **Projects**, such as the Precision Measuring Device, Golf Putter and Yo-Yo.

Affiliated with:



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