

ASM Academy **Advanced** Learning Package

OPERATION

Target Group:	For Operators and others who needs operation as a basis.
Description:	<ul style="list-style-type: none"> ▪ Everything that is required to run a machine during production. ▪ From Product Change Over to basic error handling. ▪ Tasks required to complete to ensure a good shift hand over.
Available Devices:	<ul style="list-style-type: none"> ▪ Computer ▪ Tablet ▪ Mobile

Article:	ACADEMY SIPLACE Operation Option		
Article Nr.:	00153221-01		
Language:	English		
Catalog Content:			
1.	MeasuringFeeder X Operation		
2.	SIPLACE LDU 2X Operation		
3.	SIPLACE LDU E Operation		

Article:	ACADEMY SIPLACE Operation		
Article Nr.:	00153222-01	00153248-01	00153253-01
Language:	English	German	Simplified Chinese
Catalog Content:			
1.	SIPLACE Operation Machine Safety		
2.	SIPLACE Operation Machine SIPLACE Operation Machine 1. Station Software SIPLACE Operation Machine 2. Start up SIPLACE Operation Machine 3. End of Shift Tasks SIPLACE Operation Machine 4. Shut down		
3.	ASM SMT Operation Overview		
4.	SIPLACE TX-Series Operation Machine Overview		
5.	SIPLACE X-Series S Operation Machine Overview		
6.	SIPLACE SX-Series Operation Machine Overview		
7.	SIPLACE Operation Recovery Foil Torn		
8.	SIPLACE Operation Recovery Fiducials		
9.	SIPLACE Operation Recovery Component on Nozzle		
10.	SIPLACE Operation Setup 12 mm - 104 Feeder		
11.	SIPLACE Operation Setup 8 mm Smart Feeder		
12.	SIPLACE Operation Setup Online Changeover		
13.	SIPLACE Operation Online Splicing		
14.	SIPLACE Operation Splicing Large Tape		
15.	SIPLACE Operation Splicing 4-8 mm Tape		
16.	SIPLACE Operation Multiframe Splice Tool		

Article:	ACADEMY DEK Operation Option		
Article Nr.:	00153242-01		
Language:	English		
Catalog Content:			
1.	DEK MASS Operation 1. Overview		
2.	DEK MASS Operation 2. Production		

Article:	ACADEMY DEK Operation		
Article Nr.:	00153243-01		
Language:	English		
Catalog Content:			
1.	DEK Horizon-Series Operation Safety		
2.	DEK Horizon-Series Operation Machine Overview		
3.	DEK Horizon-Series Operation Recovery		
4.	DEK Horizon-Series Operation Consumables Fabric Replenish Blue		
	DEK Horizon-Series Machine Operation		
	DEK Horizon-Series Operation 1. Software Overview		
5.	DEK Horizon-Series Operation 2. Power up Procedure		
	DEK Horizon-Series Operation 3. Shift Tasks		
	DEK Horizon-Series Operation 4. Power down Procedure		
6.	DEK Horizon-Series Operation Consumables Cyclon Fabric		
7.	DEK TQ-Series Operation Safety		
8.	DEK TQ-Series Operation Machine Overview		
	DEK TQ-Series Operation		
	DEK TQ-Series Operation 1. Power up Procedure		
9.	DEK TQ-Series Operation 2. Shift Tasks		
	DEK TQ-Series Operation 3. Power down Procedure		
10.	DEK TQ-Series Operation Recovery		
11.	DEK TQ-Series Operation Consumables		

PREVENTIVE MAINTENANCE (PM)

Target Group:	For Maintenance Technicians and Line Engineers.
Description:	<ul style="list-style-type: none"> ▪ Video guided instructions on how to conduct maintenance in a productive and efficient manner. ▪ Tools and Equipment required. ▪ Detailed reasons for the maintenance and problems that may occur if maintenance is not conducted.
Available Devices:	<ul style="list-style-type: none"> ▪ Computer ▪ Tablet ▪ Mobile

Article:	ACADEMY SIPLACE SpeedStar PM		
Article Nr.:	00153223-01	00153257-01	00153258-01
Language:	English	German	Simplified Chinese
Catalog Content:			
1.	SIPLACE SpeedStar (C&P20 P2) Maintenance		
2.	SIPLACE SpeedStar (C&P20 P/M2) Maintenance		

Article:	ACADEMY SIPLACE MultiStar PM		
Article Nr.:	00153224-01	00153249-01	00153259-01
Language:	English	German	Simplified Chinese
Catalog Content:			
1.	SIPLACE MultiStar (CPP) Maintenance		

Article:	ACADEMY SIPLACE TwinStar PM		
Article Nr.:	00153225-01	00153250-01	00153260-01
Language:	English	German	Simplified Chinese
Catalog Content:			
1.	SIPLACE TwinStar (TwinHead) Maintenance		

Article:	ACADEMY SIPLACE TX-Series PM		
Article Nr.:	00153226-01	00153261-01	00153262-01
Language:	English	German	Simplified Chinese
Catalog Content:			
1.	SIPLACE TX-Series V2 Maintenance - Workflow 1		
2.	SIPLACE TX-Series V2 Maintenance - Workflow 2		
3.	SIPLACE TX-Series V2 Maintenance - Workflow 3		
4.	SIPLACE TX-Series V2 Maintenance - Workflow 4		

Article:	ACADEMY SIPLACE SX-Series PM		
Article Nr.:	00153227-01	00153265-01	00153266-01
Language:	English	German	Simplified Chinese
Catalog Content:			
1.	SIPLACE SX-Series Maintenance - Workflow 1		
2.	SIPLACE SX-Series Maintenance - Workflow 2		
3.	SIPLACE SX-Series Maintenance - Workflow 3		
4.	SIPLACE SX-Series Maintenance - Workflow 4		

Article:	ACADEMY SIPLACE X-Series S PM		
Article Nr.:	00153228-01	00153263-01	00153264-01
Language:	English	German	Simplified Chinese
Catalog Content:			
1.	SIPLACE X-Series S Maintenance - Workflow 1		
2.	SIPLACE X-Series S Maintenance - Workflow 2		
3.	SIPLACE X-Series S Maintenance - Workflow 3		
4.	SIPLACE X-Series S Maintenance - Workflow 4		

Article:	ACADEMY DEK TQ-Series PM		
Article Nr.:	00153244-01	00153268-01	00153267-01
Language:	English	German	Simplified Chinese
Catalog Content:			
1.	SIPLACE TQ-Series Maintenance - Workflow 1		
2.	SIPLACE TQ-Series Maintenance - Workflow 2		
3.	SIPLACE TQ-Series Maintenance - Workflow 3		
4.	SIPLACE TQ-Series Maintenance - Workflow 4		

Article:	ACADEMY DEK Horizon-Series PM		
Article Nr.:	00153245-01	00153270-01	00153269-01
Language:	English	German	Simplified Chinese
Catalog Content:			
1.	SIPLACE Horizon-Series Maintenance - Workflow 1		
2.	SIPLACE Horizon-Series Maintenance - Workflow 2		
3.	SIPLACE Horizon-Series Maintenance - Workflow 3		
4.	SIPLACE Horizon-Series Maintenance - Workflow 4		

TECHNICAL

Target Group:	For Technicians and Line Engineers.
Description:	<ul style="list-style-type: none"> ▪ Detailed technical training on functionality of the machine assemblies and sub-assemblies with the aid of videos and interactive cad animations. ▪ How to use the station software to analyse potential problems with the help of interactive software simulations. ▪ Selected guided part exchange instructions using Videos and user interactive 2D modules. ▪ Guided instructions on Adjustments and Calibration.
Available Devices:	<ul style="list-style-type: none"> ▪ Computer ▪ Tablet ▪ Mobile
Note:	Courses with Virtual Reality 2D are only available for conducting training with a desktop computer. The VR On-Screen introductions are only available in English.

Article:	ACADEMY SIPLACE SpeedStar Tech.		
Article Nr.:	00153229-01	00153271-01	00153254-01
Language:	English	German	Simplified Chinese

Catalog Content:

1. SIPLACE SpeedStar (C&P20 P2) Technical Upgrade
2. SIPLACE SpeedStar (C&P20 P2) Technical 1. Introduction
3. SIPLACE SpeedStar (C&P20 P2) Technical 2. Component Camera
4. SIPLACE SpeedStar (C&P20 P2) Technical 2. Intermediate Distributor
5. SIPLACE SpeedStar (C&P20 P2) Technical 2. Star Assembly
6. SIPLACE SpeedStar (C&P20 P2) Technical 2. Power and Communication
7. SIPLACE SpeedStar (C&P20 P2) Technical 2. Return Unit (incl. VR 2D Learn)
8. SIPLACE SpeedStar (C&P20 P2) Technical 2. Z-Axis (incl. VR 2D Learn)
9. SIPLACE SpeedStar (C&P20 P2) Technical 2. Pressure Regulator Valve (incl. VR 2D Learn)
10. SIPLACE SpeedStar (C&P20 P2) Technical 2. Orifice Plate (incl. VR 2D Learn)
11. SIPLACE SpeedStar (C&P20 P2) Technical 2. DP Drive (incl. VR 2D Learn)
12. SIPLACE SpeedStar (C&P20 P2) Technical 2. Component Sensor (incl. VR 2D Learn)
13. SIPLACE SpeedStar (C&P20 P2) Technical 3. Vacuum System
14. SIPLACE SpeedStar (C&P20 P2) Technical 3. Reference

15.	SIPLACE SpeedStar (C&P20 P2) Technical 3. Placement
16.	SIPLACE SpeedStar (C&P20 P2) Technical 4. Calibration
17.	SIPLACE SpeedStar (C&P20 P2) Technical 5. Exchange (incl. VR 2D Learn)

Article:	ACADEMY SIPLACE MultiStar Tech.		
Article Nr.:	00153230-01		
Language:	English		

Catalog Content:	
1.	SIPLACE MultiStar (CPP) Technical 1. Introduction
2.	SIPLACE MultiStar (CPP) Technical 2. Power and Communication
3.	SIPLACE MultiStar (CPP) Technical 2. Return Unit
4.	SIPLACE MultiStar (CPP) Technical 2. Intermediate Distributor
5.	SIPLACE MultiStar (CPP) Technical 2. Component Camera
6.	SIPLACE MultiStar (CPP) Technical 2. Z-Axis (incl. VR 2D Learn)
7.	SIPLACE MultiStar (CPP) Technical 2. Star Assembly (incl. VR 2D Learn)
8.	SIPLACE MultiStar (CPP) Technical 2. Pressure Regulator Valve (incl. VR 2D Learn)
9.	SIPLACE MultiStar (CPP) Technical 2. Holding Circuit (incl. VR 2D Learn)
10.	SIPLACE MultiStar (CPP) Technical 2. DP Drive (incl. VR 2D Learn)
11.	SIPLACE MultiStar (CPP) Technical 2. Component Sensor (incl. VR 2D Learn)
12.	SIPLACE MultiStar (CPP) Technical 3. Vacuum System
13.	SIPLACE MultiStar (CPP) Technical 3. Reference
14.	SIPLACE MultiStar (CPP) Technical 3. Placement
15.	SIPLACE MultiStar (CPP) Technical 4. Calibration
16.	SIPLACE MultiStar (CPP) Technical 5. Exchange (incl. VR 2D Learn)
17.	SIPLACE MultiStar (CPP) Technical 2. Z-Axis (incl. VR 2D Learn)

Article:	ACADEMY SIPLACE TwinStar Tech.		
Article Nr.:	00153231-01		
Language:	English		
Catalog Content:			
1.	SIPLACE TwinStar (TwinHead) Technical 1. Introduction		
2.	SIPLACE TwinStar (TwinHead) Technical 2. Component Camera		
3.	SIPLACE TwinStar (TwinHead) Technical 2. Z-Axis		
4.	SIPLACE TwinStar (TwinHead) Technical 2. Head Board (incl. VR 2D Learn)		
5.	SIPLACE TwinStar (TwinHead) Technical 2. Return Unit (incl. VR 2D Learn)		
6.	SIPLACE TwinStar (TwinHead) Technical 2. Pressure Regulator Valve (incl. VR 2D Learn)		
7.	SIPLACE TwinStar (TwinHead) Technical 2. D-Axis (incl. VR 2D Learn)		
8.	SIPLACE TwinStar (TwinHead) Technical 3. Vacuum System		
9.	SIPLACE TwinStar (TwinHead) Technical 3. Placement		
10.	SIPLACE TwinStar (TwinHead) Technical 3. Reference		
11.	SIPLACE TwinStar (TwinHead) Technical 4. Calibration		
12.	SIPLACE TwinStar (TwinHead) Technical 5. Exchange (incl. VR 2D Learn)		

Article:	ACADEMY SIPLACE SX-Series Tech.		
Article Nr.:	00153274-01		
Language:	English		
Catalog Content:			
1.	SIPLACE SX-Series V3 Technical Upgrade		
2.	SIPLACE SX-Series Technical 1. Introduction		
3.	SIPLACE SX-Series Technical 2. Transport System (incl. VR 2D Learn)		
4.	SIPLACE SX-Series Technical 2. Gantry System (incl. VR 2D Learn)		

Article:	ACADEMY SIPLACE TX-Series Tech.		
Article Nr.:	00153275-01		
Language:	English		
Catalog Content:			
1.	SIPLACE TX-Series V2 Technical Upgrade		
2.	SIPLACE TX-Series V2 Technical 1. Introduction		
3.	SIPLACE TX-Series V2 Technical 2. Transport System (incl. VR 2D Learn)		
4.	SIPLACE TX-Series V2 Technical 2. Component Supply (incl. VR 2D Learn)		

Article:	ACADEMY SIPLACE Feeders Tech.		
Article Nr.:	00153235-01		
Language:	English		
Catalog Content:			
1.	SIPLACE MeasuringFeeder X Technical Overview		
2.	SIPLACE Linear Dipping Unit E Technical		
3.	SIPLACE Linear Dipping Unit 2X Technical		

Article:	ACADEMY DEK MASS Tech.		
Article Nr.:	00153235-01		
Language:	English		
Catalog Content:			
1.	DEK MASS Technical		
2.	DEK MASS Product Changeover		

Article:	ACADEMY DEK Process Foundation		
Article Nr.:	00153247-01		
Language:	English		
Catalog Content:			
1.	DEK Process Foundation Hardware		

VIRTUAL REALITY 3D

Target Group:	For Technicians and Line Engineers.
Description:	<ul style="list-style-type: none"> ▪ Practice what you have learned with aid of interactive 3D VR training modules. ▪ Step into the VR room and conduct the task using all the tools and settings required in a 3D environment. ▪ Follow the step by step instructions until the task is completed.
Available Devices:	Only available for Computer.

Article:	ACADEMY SIPLACE SpeedStar VR 3D
Article Nr.:	00153232-01
Language:	English
Catalog Content:	
1.	VR 3D Learn - SIPLACE SpeedStar (C&P20 P2) Head Exchange
2.	VR 3D Learn - SIPLACE SpeedStar (C&P20 P2) Orifice Plate
3.	VR 3D Learn - SIPLACE SpeedStar (C&P20 P2) PRV
4.	VR 3D Learn - SIPLACE SpeedStar (C&P20 P2) DP Drive

Article:	ACADEMY SIPLACE MultiStar VR 3D
Article Nr.:	00153233-01
Language:	English
Catalog Content:	
1.	VR 3D Learn - SIPLACE MultiStar (CPP) Head Exchange
2.	VR 3D Learn - SIPLACE MultiStar (CPP) Front Plate
3.	VR 3D Learn - SIPLACE MultiStar (CPP) Holding Circuit
4.	VR 3D Learn - SIPLACE MultiStar (CPP) DP Drive
5.	VR 3D Learn - SIPLACE MultiStar (CPP) DP Linear Guide
6.	VR 3D Learn - SIPLACE MultiStar (CPP) PRV

Article:	ACADEMY SIPLACE TwinStar VR 3D
Article Nr.:	00153234-01
Language:	English
Catalog Content:	
1.	VR 3D Learn - SIPLACE TwinStar (TwinHead) Head Exchange
2.	VR 3D Learn - SIPLACE TwinStar (TwinHead) Pneumatic Spin Supply
3.	VR 3D Learn - SIPLACE TwinStar (TwinHead) PRV

APPLICATION

Target Group:	For Process Engineers and Maintenance Technicians.
Description:	<ul style="list-style-type: none"> ▪ Learn the advantages and benefits of the software product. ▪ Get detailed description of the software GUI and settings. ▪ Learn with the aid of interactive software simulations how to use and apply the application.
Available Devices:	Only available for Computer.

Article:	ACADEMY SIPLACE Vision		
Article Nr.:	00153236-01	00153251-01	00153255-01
Language:	English	German	Simplified Chinese
Catalog Content:			
1.	SIPLACE Vision Introduction		
2.	SIPLACE Vision PCB Handling SIPLACE Vision PCB Handling 1. Introduction SIPLACE Vision PCB Handling 2. Board Fiducials		
3.	SIPLACE Vision Component Shape Handling SIPLACE Vision Component Shape Handling 1. Introduction SIPLACE Vision Component Shape Handling 2. Basics SIPLACE Vision Component Shape Handling 3. Rules		
4.	SIPLACE Vision Chip Component		
5.	SIPLACE Vision Dpack Components		
6.	SIPLACE Vision BGA Components		
7.	SIPLACE Vision Melf Components		
8.	SIPLACE Vision Molded Components		
9.	SIPLACE Vision Non-standard Components		
10.	SIPLACE Vision SOXX Components		
11.	SIPLACE Vision SOT Components		
12.	SIPLACE Vision Connectors		
13.	SIPLACE Vision Shield		
14.	SIPLACE Vision QFP Components		

Article:	ACADEMY SIPLACE Programming		
Article Nr.:	00153237-01	00153277-01	
Language:	English	German	
Catalog Content:			
1.	SIPLACE Pro 1. Overview		
2.	SIPLACE Pro 2. Component Shape		
3.	SIPLACE Pro 3. Components		
4.	SIPLACE Pro 4. Fiducials		
5.	SIPLACE Pro 5. PCBs		
6.	SIPLACE Pro 6. Placement Lists		
7.	SIPLACE Pro 7. Setup		
8.	SIPLACE Pro 8. Optimization		
9.	SIPLACE Pro 9. Line Control GUI		
10.	SIPLACE MeasuringFeeder X Programming*		
11.	SIPLACE Linear Dipping Unit 2X Programming*		
12.	SIPLACE Linear Dipping Unit E Programming*		

Article:	ACADEMY Command Center		
Article Nr.:	00153239-01		
Language:	English		
Catalog Content:			
1.	ASM Command Center Application 1. Introduction		
2.	ASM Command Center Application 2. Graphical User Interface		
3.	ASM Command Center Application 3. Use Cases		

Article:	ACADEMY ProductionPlanner		
Article Nr.:	00153240-01		
Language:	English		
Catalog Content:			
1.	ASM Production Planner 1. Introduction		
2.	ASM Production Planner 2. Graphical User Interface		
3.	ASM Production Planner 3. Uses Cases		

Article:	ACADEMY Equipment Center		
Article Nr.:	00153276-01		
Language:	English		
Catalog Content:			
1.	ASM Equipment Center 1. Introduction		
2.	ASM Equipment Center 2. Graphical User Interface		
3.	ASM Equipment Center 3. Uses Cases		

Article:	ACADEMY FactoryChat		
Article Nr.:	00153241-01		
Language:	English		
Catalog Content:			
1.	ASM FactoryChat Introduction and Overview		
2.	ASM FactoryChat Graphical User Interface		
3.	ASM FactoryChat Administration and Configuration		
4.	ASM FactoryChat Use Cases		

Article:	ACADEMY Printer Programming		
Article Nr.:	00153238-01	00153252-01	00153256-01
Language:	English	German	Simplified Chinese
Catalog Content:			
1.	ASM Printer Programming Product Overview and Workflow		
2.	ASM Printer Programming Graphical User Interface		
3.	ASM Printer Programming Typical Use Cases		
4.	ASM Printer Programming Quiz		