

INNOVATIVE PLANT CONCEPT DESIGNS

AUTOMATIC SAND TESTING SYSTEMS **SPC**



- Compactability
- Compression strength
- Shear strength
- Moisture measurement
- Temperature measurement





TECHNICAL DATAS

	SPC II	SPC III	SPC IV	
Combination of a moisture control system FRS	●	●	●	
Used on a batch mixer with fixed pan		●		
Used on continuous mixer or batch mixer with rotating pan	●		●	
METRIC USED SAND				
• Moisture measurement	●	●	●	
• Temperature measurement	●	●	●	
• Batch weight	●	●	●	
• Density compensation (Sandmaster principle)	●	●	●	
METRIC PREPARED SAND				
• Compactability	●	●	●	
• Compression strength	●	●	●	
• Shear strength	●	●	●	
• Moisture measurement	●	●	●	
• Temperature measurement	●	●	●	
CORRECTION WATER METERING				
• Same batch		●		
• Next batch or in an adjustable time	●		●	
CORRECTION ADDITIVES				
• Adjustable	●	●	●	
EQUIPMENT HARDWARE				
• Capacitance moisture sensors	selection and quantity regarding equipment of the mixer group selection and quantity regarding equipment of the mixer group chooseable 5.7" or 10.4" or 15" Ethernet, optional: Profibus, Profinet, RS 232 as option as option regarding mixer size between ½" and 2"			
• Temperature sensor				
• Interface				
• IPC with Touch-Screen				
• BUS				
• Printer				
• Remote diagnostics				
• Waterline				
EQUIPMENT SOFTWARE				
• Recipes	●	●	●	
• Database with analyzing	●	●	●	
• Evaporation curves	●	●	●	
Cabinet	Dimensions	Weights		
	600 x 800 x 250 mm	33 kg	33 kg	33 kg
IPC	600 x 800 x 250 mm	36 kg	36 kg	36 kg
SPC depending execution approx	800 x 1800 x 1100 mm	95 kg	114 kg	120 kg

TRUST IN INNOVATION

SENSOR CONTROL
Augmented Reality App



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