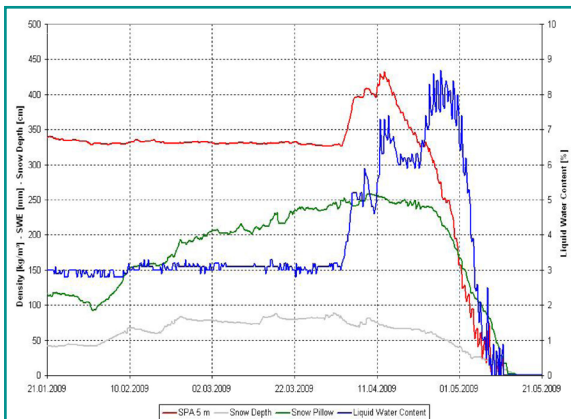
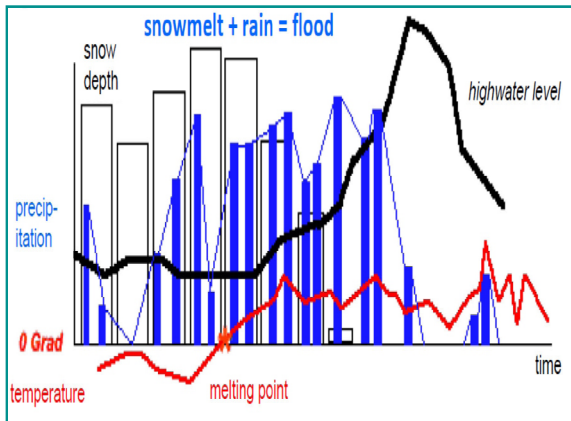
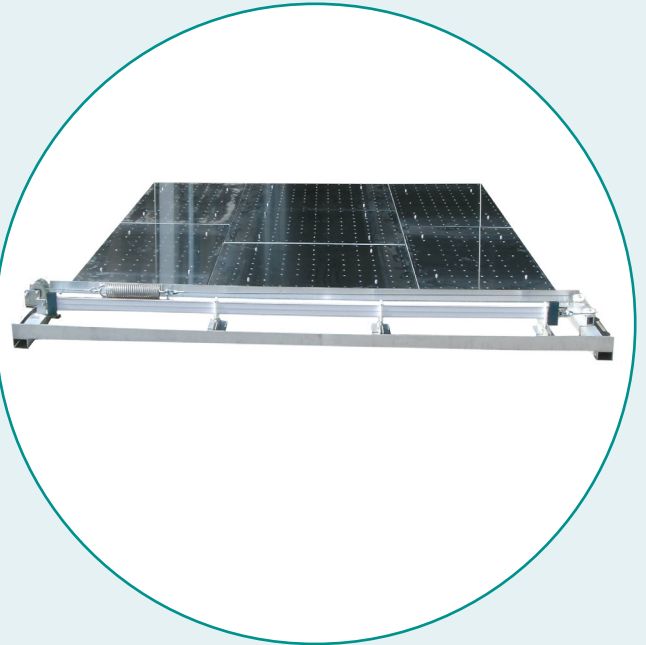


SMA

Snowmelt Analyzer appropriate for flood prediction and water management.



Properties and benefits

- » Registration of the snow parameters:
 - Snow water equivalent (SWE)
 - Contents of liquid water and ice
- » Prediction of snowmelt from the snow pack
- » Weeks in advance recognition of increase of liquid content in snow pack
- » Realistic representation of measured snow parameters
- » Simple and easy installation and set up
- » No calibration required
- » Low power consumption

Technical Data

SMA - System to predict the snowmelt	
Resolution	0.1 Kg/m ² \triangleq 0.1 mm SWE *
Accuracy	0.3 % (FS) *
Measuring surface	6.72 m ²
Dimensions SMA (mm)	L = 3.300 mm B = 2.400 mm H = 200 mm
Protection	IP 66
Power supply	5 ... 15 VDC
Power input	max. 70 mA
Operating temperature	-40 ... 80°C
Output	SMA 200 4 - 20 mA \triangleq 0 ... 200 mm SWE SMA 500 4 - 20 mA \triangleq 0 ... 500 mm SWE SMA 1.000 4 - 20 mA \triangleq 0 ... 1.000 mm SWE
Order information	SMA 200: range 0 ... 200 mm SWE SMA 500: range 0 ... 500 mm SWE SMA 1.000: range 0 ... 1.000 mm SWE

* All declarations of weight and accuracy referring to standardised weights.