

Application

Continuous digital or analogue weight determination.

SCHOLZ BASIC

Modular platform-scale.

DIGITAL PESA MEASURING CELL

The PESA string technology is based on a principle that is as simple as it is ingenious: the tension of a vibrating string is influenced by the load weight on the platform scale, which changes the vibration frequency. The weight is determined from the change in the oscillation frequency.

Used for gravimetric applications with BASIC300, BASIC400 and BASIC600.

Working temperature -10°C to +40°C (max. +55°C)

ANALOGUE DMS MEASURING CELL

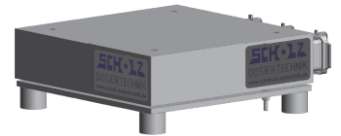
The measuring principle is based on the change in electrical resistance when suitable materials are stretched and compressed. The load on the platform scale thus causes a voltage change by which the weight is determined.

Used for batch applications as well as gravimetric applications with BASIC700.

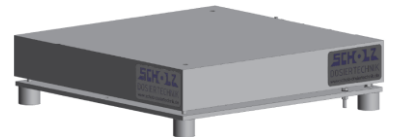
Working temperature -20°C to +70°C



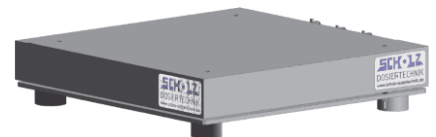
BASIC300 zu z.B. LOGO, TWIN20



BASIC400 zu z.B. MONO+, SOLO, FLEX50, TWIN40



BASIC600 zu z.B. GOLO, FLEX80



BASIC700 zu z.B. FLEX130

Waage:	BASIC300	BASIC400	BASIC600	BASIC700
Capacity:	30 / 75kg	75 / 150 / 300kg	300kg	600 / 1000kg
Platform:	300 x 300mm	400 x 400mm	600x600mm	700x700mm
Scale (WxDxH):	390 x 300 x 150mm	490 x 400 x 150mm	690 x 600 x 150mm	790x700x150mm
Material:	Aluminium / Edelstahl	Aluminium / Edelstahl	Aluminium / Edelstahl	Aluminium / Edelstahl
Execution:	steckbar	steckbar	steckbar	steckbar
Own weight:	11kg	16kg	30kg	35kg