

For Smooth and Consistent Flow Control

CONTINUOUS FLOW SCALE

SLS20CA-T



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The Satake Continuous Flow Scale SLS provides continuous weight measurement and control of material flow. Suitable for free flowing granular materials.

OPERATION:

Grain is fed from the upper hopper to the measuring hopper. (See Figures 1 through 4)

The grain is discharged from the measuring hopper by a control valve set to the desired flow rate. Discharge flow rate is calculated from the loss-in-weight from this hopper over a specific time. (See Figures 5 and 6)

In order to maintain the set flow rate, the opening of the control valve is automatically adjusted. When the measuring hopper is almost empty, the supply gate is opened to refill the scale. During this operation, the control valve is fixed to maintain constant discharge.

(See Figure 7)

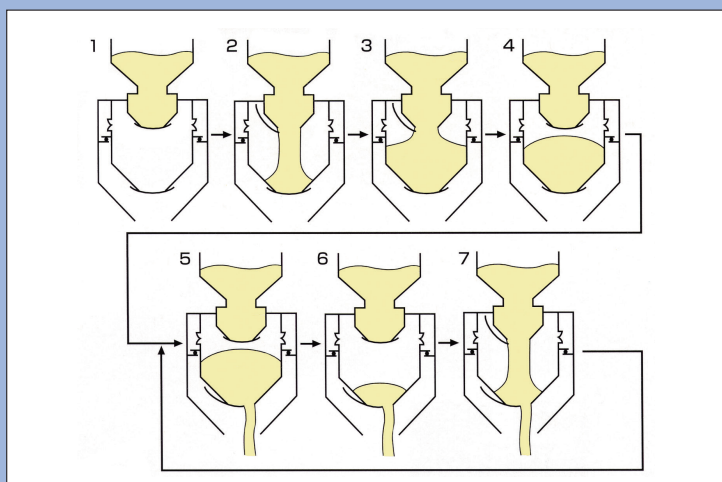
FEATURES:

1. Maintains set flow rate.
2. Accumulates material weight accurately.
3. Tubular sanitary construction.

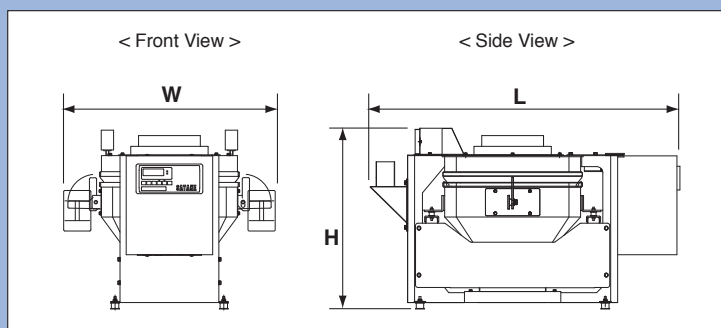
Specifications

Model		SLS20CA-T
Capacity (t/h)	on Rice	0.5-15
	on Wheat	0.5-14
Accuracy(%)		±0.2-0.5 (full scale)
Compressed Air Source		3 N ^o /min
		0.4 Mpa (Approx. 4kgf/cm ²)
Power Source(V)		AC100, Single phase
Required Power(W)		300

Operation



Dimensions



Model	W(mm)	L(mm)	H(mm)	Weight (kg)
SLS20CA-T	856	1,244	730	70

All Satake products are the subject of continuous development and, as a result, their specification may change and differ in detail from those shown.

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SATAKE CORPORATION has
obtained ISO 9001 and ISO
14001 certification.
These international standards
for management systems
ensure Satake will continue to
provide high quality products
and services.

ISO 9001 Certification
(Quality Management Systems)
ISO 14001 Certification
(Environmental Management Systems)