

**scaletech**

Securing your profits!

XK3190-Ex-A8

CONTROL SYSTEM INDICATOR

EXPLOSION-PROOF WEIGHING INDICATOR

XK3190-Ex-A8 is a high-performance weighing indicator that combines precision, stability and powerful control functions. Designed for hazardous and industrial environments, it is the ideal solution for a wide range of weighing and batching applications.



**EXPLOSION-PROOF
DESIGN**



**HIGH ACCURACY
1/30,000**



**3 INPUTS
3 OUTPUTS**



**MULTI-LOAD CELL
SUPPORT (1~8)**



**MULTIPLE
COMMUNICATION**



**STRONG ANTI-JAMMING
& RELIABILITY**



KEY FEATURES

- ✓ High precision 24-bit A/D conversion with readability 1/30,000
- ✓ Connects 1~8 load cells (350Ω) with auto compensation for long distance
- ✓ 3 Inputs and 3 Relay Outputs for control
- ✓ Fixed-value control, batching, filling and checkweighing
- ✓ Upper & lower limit alarm with peak value holding
- ✓ Multiple communication interfaces: RS232 / RS422 / RS485
- ✓ Analog output (4~20mA / 0~20mA / 0~5V / 0~10V optional)
- ✓ Accumulative weighing record with date protection
- ✓ Support external printer and remote scoreboard (20mA current loop)
- ✓ Strong ESD protection: 6KV contact / 8KV air
- ✓ Factory reset function for easy recovery



TECHNICAL SPECIFICATIONS

	Accuracy Class	III
	A/D Conversion	24-bit Σ - Δ
	Conversion Speed	80 Times/Sec
	Input Signal Range	-19mV ~ +19mV
	Input Sensitivity	$\geq 1\mu\text{V/e}$
	Load Cell Excitation	DC 5V
	Load Cell Connection	1 ~ 8 Load Cells (350Ω)
	Display	7-Digit LCD Display
	Keyboard	5 Soft-Touch Buttons

	Relay Outputs	3 (AC 220V, 0.5A)
	Digital Inputs	3
	Communication	RS232 / RS422 / RS485
	Scoreboard Interface	20mA Current Loop
	Analog Output	4~20mA / 0~20mA 0~5V / 0~10V (Optional)
	Power Supply	AC 110 ~ 230V, 50/60Hz
	Operating Temp.	0°C ~ 40°C
	Storage Temp.	-20°C ~ 50°C
	Weight	Approx. 0.7kg

TYPICAL APPLICATIONS



TANK WEIGHING



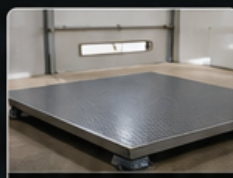
BATCHING SYSTEMS



CHECKWEIGHERS



FILLING MACHINES



PLATFORM SCALES



HAZARDOUS AREAS