

Digital Indicator Product Overview

Digital Indicator enhances D-LC function

KS-C7200/7220 series



- Your solution for a variety of weighing requirements. Standard equipment are for control.
- I/O and RS-232C. In addition, various kinds of optional boards are available to expand the indicator functions!

KS-C7300/7320-HT series



- KS-C7300/7320-HT has great performance with D-LC build in Tank & Hopper scale.
- CC Link and Device Net Serial communications!

KS-C210 series



- KS-C210 requires smaller space for installation with simple functions.
- RS-232C/422 serial output data standard function.
Option : BCD output / 4-20mA

Main Specification

Model	KS-C7200	KS-C7220	KS-C7300-HT	KS-C7320-HT	KS-C210
Display	Main display		Red LED (13.6mmH) x 6 digits		Red LED (14.0mmH) x 6 digits
	Sub display		Red LED (8mmH) x 9 digits		Red LED (9mmH) x 2 digits
Maximum D-LC connection	8 units		8 units		8 units
Main Functions	Control functions, Mass weighing, Self restoring value function, Battery Backup, Additional function, Control Input, Control Output, Individual load cell diagnosis function, RS-232 Output, Automatic four corner adjustment.		Control functions, Mass weighing, Self restoring value function, Battery Backup, Additional function, Control Input, Control Output, Individual load cell diagnosis function, RS-232 Output, Automatic four corner adjustment, Rated adjustment input function		Judgment function, Mass weighing, Setting value, Resistance function, Battery Backup, Additional function, Individual load cell diagnosis function, Control input, Control Output, RS-232C output, (4-20mA analog or BCD output)
Options	Relay setting output, Digital switch setting, Sequencer setting, BCD parallel output, RS-422/485 input/output, 4-20mA analog output.		Relay setting output, Digital switch setting, Sequencer setting, BCD parallel output, RS-422/485 input/output, 4-20mA analog output, Rated adjustment input function, Weighing margin for error.		AC Adapter
Power supply	90 ~ 264VAC, 50/60Hz		90 ~ 264VAC, 50/60Hz		90 ~ 264VAC, 50/60Hz

● These specifications and dimensions may be changed without notice.

KUBOTA Corporation

Weighing Equipment & System Dept.

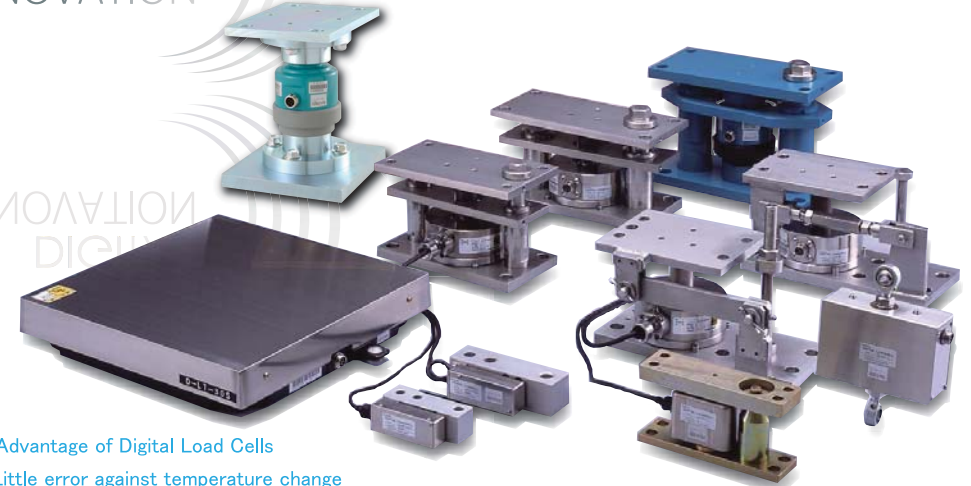
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Kubota Digital Load Cells are the weigh of the future!

DIGITAL INNOVATION

The Digital Load Cell is the new generation of a load cell. It can send the direct output of the digital data from the load cell by building the amplifier, the A/D converter and the microcomputer into the load cell.



01. Advantage of Digital Load Cells

1 Little error against temperature change

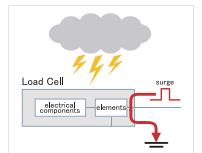
Digital load cell with its internal temperature sensor control adjusts output error caused by temperature change. More stable weighing is possible compared to analogue load cell system against ambient temperature change.

2 Superiority of maintenance function

D-LC has baseline characteristic of "digital correction by itself". Therefore each of D-LC's output value is able to monitor by an indicator. You can restart the work immediately in replacing a load cell without test weights adjustment since Maximum error is 1/1000. Thus it helps saving the cost in minimum and smaller loss capability due to stepping of production line.

3 Strong against lighting surge

Kubota's D-LC builds in an abnormal voltage absorbing element (such as arrestor / arrestor). It keeps resistance value high under certain level of voltage, but falls it down rapidly in exceed the level, which makes an abnormal voltage to escape outside.
※ LE-VE does not have an abnormal voltage absorbing element.



4 Calibration test

Every unit of Digital Load Cell through full capacity calibration from load testing machine and keep the load information of each Digital load cell in memory of load cell.

02. For Various Purpose



For Truck Scale



For Tank Scale



For Hopper Scale



Kubota