

APPLICATION BRIEF



Compatible with
1280 Enterprise Series
firmware Version 2.09.01
and above

Digital Diagnostic Junction Box Keeps Operations Running

Load Cell Emulation

Faulty load cells can lead to costly downtime, wasted product and significant revenue loss, often going unnoticed until it's too late. With the iQUBE³, operators can monitor load cell performance in real time and receive immediate alerts at the first sign of failure—protecting operations, preserving revenue and ensuring peace of mind.

If a load cell fails, the iQUBE³ can emulate the missing cell by calculating weights based on comparisons with operational load cells. This allows weighing processes to continue and enables facilities to temporarily record non-Legal for Trade weights until repairs can be completed.



iQUBE3 Live Diagnostics NOT Legal for Trade

Normal Emulation Failed

Port 1 - Scale 1 Total: 10020

LC1 C:00 D:00	LC2 C:1460 D:0.0030	LC3 C:1440 D:0.0230	LC4 C:1480 D:-0.0120	LC5 C:1440 D:0.0008	LC6 C:1460 D:0.0088	LC7 C:1480 D:-0.0002	LC8 C:1440 D:-0.0120
LC16 C:1460 D:0.0041	LC15 C:1460 D:0.0058	LC14 C:1460 D:-0.0253	LC13 C:1440 D:0.0001	LC12 C:1460 D:0.1125	LC11 C:1480 D:-0.0024	LC10 C:1460 D:0.0010	LC9 C:1460 D:0.0230

Load Cell error: Cell Range error 3 : 1(13.19)

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RICE LAKE
WEIGHING SYSTEMS

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