

# Synergy Series Digital Weight Indicators

A Comparative Matrix of the 380, 380X, 680 Plus, 680HE and 682 Plus



Indicator	380		380X		381		680HE	680 Plus	682 Plus
IP Rating	IP66		IP69K		IP54 (381-2D-AA) IP66 (381-2D-NiMH)		IP66	IP69K	IP69K
Display Window	5.43 in × 1.46 in		5.43 in × 1.46 in		5.43 in × 1.46 in		9.25 in × 3.00 in	4.75 in × 0.94 in	4.25 in × 2.55 in
Character Height	1.0 in		1.0 in		1.0 in		2.5 in	0.8 in	0.5 in
Display Type	LCD		LCD		LCD		LED, red/green	LED	Color LCD
Serial Streaming	Four Selectable		Four Selectable		Four Selectable		Customizable	Customizable	Customizable
Serial Scale Input	Not Available		Not Available		Not Available		Local/Remote	Local/Remote	Local/Remote
Time and Date	Option		Option		Option		•	•	•
Battery	Four Alkaline C-Cell	Adapter: 115/230 VAC	Lithium ion (Rechargeable)	Charge using 120 VAC (internal)	381-2D-AA Adapter: 115/230 VAC	381-2D-NiMH Charge only: 115/230VAC (included)			
Accumulated Weight							•	•	•
Numeric Keyboard							•	•	•
Analog Output							Option	Option	Option
Onboard I/O							4 I/O	4 I/O	4 I/O
Internal Setpoints							8	8	8
Softkeys									•
Truck Storage									•
USB	•		•		•		•	•	•
Ethernet TCP/IP	Not Available		Not Available		Not Available		•	•	•
Web Server									•
Wi-Fi									•
Bluetooth®									•
Protocol									PROFINET PROFIBUS EtherNet/IP DeviceNet EtherCAT CANopen Modbus TCP

