RAVAS RCS Hy-Q-52

Hydraulic scale for forklift trucks and reach trucks

BENEFITS

- High accuracy hydraulic scale
- User friendly 5” touch display
- Intuitive full color touch display guides the user
- Easy calibration due to optimal calibration menu
- Overload indication in the display
- No manifold block: easy and cost efficient installation
- For use in combination with rotators and/or clamps
- Less sensitive to changes to load center point
- Suitable for rough applications

Top quality

Indestructible

Step into the future

RAVAS

RAVAS RCS Hy-Q-52

FUNCTIONS

- Manual zero correction
- Self-learning zero correction
- Gross/Net weighing
- Tare memory for 10 values
- ID-code entry for 4 ID-codes with 10 preset codes (each max. 14 characters alpha-numeric)
- 10 totalizing registers
- Internal clock for date and time
- On board: RS232 port connection for printer
  USB output for data transfer (with USB Stick)
  Free COM 1 for Wifi or RS232
  Free COM2 for Wifi or RS232
  Connectivity for RAVAS Indicator App
- The USB output can also be used to connect a bar-code scanner
- Overload indication based on actual hydraulic pressure
- Error message in display incl. logging

STANDARD SPECIFICATIONS

Capacity	5,000 lb to 20,000 lb
Graduation	5 lb at 5,000 lb capacity 10 lb at 10,000 lb capacity 20 lb at 20,000 lb capacity
System tolerance	+/- 0.2 % of the scale capacity
Display	full-color 5” touch display
Keyboard	display mode defines the available keys
Protection class	IP65
Power supply	9Vdc – 100Vdc input, built-in regulator / convertor board
Dimensions indicator	L x B x H = 3,35 x 6,5 x 4,53 inch

SYSTEM PACKAGE

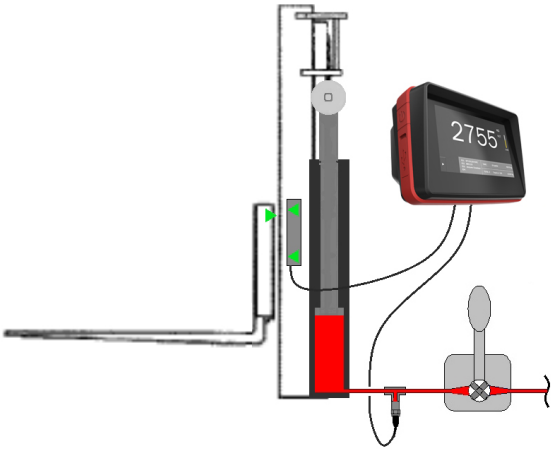
- Hy-Q-52 indicator with 5” touch display
- RAM indicator mounting support
- Oil pressure sensor G¼” BSP male thread
- Metal strip with 2 sensors for mast mounting
- Magnet to be installed on the carriage plate
- Installation and calibration manual
- Operator manual

HOW RAVAS RCS HY-Q-52 WORKS

The metal strip with the two magnet sensors has to be mounted on the mast to measure the lifting and lowering speed of the carriage plate. When the carriage plate passes the trajectory between the two sensors, the indicator samples the hydraulic pressure output of the sensor approximately 1,000 times and calculates an average value. The weighing will be done UP and DOWN: the load is lifted, and then lowered, passing the two sensors within a predefined speed bandwidth.

If the RAVAS RCS HY-Q-52 is installed on a reach truck (or stacker truck) where the hydraulic pump is used for re-generating power during lowering, the menu and calibration should be set to weighing in UP-mode only.

Warning: the +/- 0.2% tolerance can only be guaranteed if the truck mast is in good condition.



OPTIONS*

- Thermal or matrix printer
- 2 additional COM-ports for RS232, WiFi connection or for transfer to devices that have Bluetooth® technology
- 1D USB bar-code scanner

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* The use of options may change related specifications. Changes reserved rev.20250603