

PROGRAM DESCRIPTION

TAD 3

Program: T141A241

This description is valid for:

Weight indicator **TAD 3** with application program **T141A241**

See also the following descriptions

Weight indicator TAD 3, Technical Manual (www.vishaypg.com/doc?35184)

Weight indicator TAD 3, Operating instructions, Quick installation

If these descriptions in any case are contradictory, this description is valid.

Option codes

This program requires program option code(s) for

06: Option 6

(Option 02: Flow rate, removed in this software)

Function

This special program includes one Peak and Hold function. The Peak function works on gross or net mode (selectable).

General

As option 'Peak' is activated the text 'P/W' is displayed during normal operation at the function key to the right on the instrument panel.

The peak value can be shown on the display, sent to an analogue output or to a printer, and it can also be fetched by serial communication.

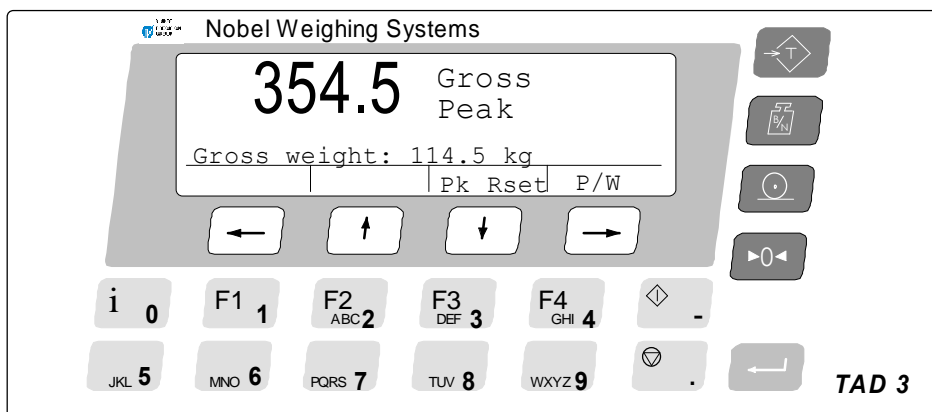
Operation

As option 'Peak' is activated TAD 3 always display the HIGHEST Peak value and keep it even if the actual gross or net weight is decreasing. If the measured value is increasing again and became higher then the displayed peak value, the new value is used as peak value.

TAD 3 will display weight or peak value, and switch over between weight and peak is accomplished with the function key 'P/W'.

The peak value is reseted to actual value by pushbutton 'Pk Rset' or by an external input.

While the peak value is shown at the normal display position, the weight value can be displayed at the information line, and vice versa, provided the set-up parameter 'Display info' in Edit set-up/General is set to 'Off'.



Set-up parameters (chapter 3)

Menu 'Analogue outputs'

1:Output source

[5] Special

Modbus: 41282 (46282)

New choice.

Special: The analogue output represents peak value.

2:Output source

[5] Special

Modbus: 41296 (46296)

New choice.

Special: The analogue output represents peak value.

Menu 'Inputs'

Input 01 use

Modbus: 41210 (46210)

Input 02 use

Modbus: 41212 (46212)

Input 11 use

Modbus: 41214 (46214)

Input 12 use

Modbus: 41216 (46216)

Input 13 use

Modbus: 41218 (46218)

Input 14 use

Modbus: 41220 (46220)

Input 15 use

Modbus: 41222 (46222)

Input 16 use

Modbus: 41224 (46224)

Input 17 use

Modbus: 41226 (46226)

Input 18 use

Modbus: 41228 (46228)

Input 21 use

Modbus: 41230 (46230)

Input 22 use

Modbus: 41232 (46232)

Input 23 use

Modbus: 41234 (46234)

Input 24 use

Modbus: 41236 (46236)

Input 25 use

Modbus: 41238 (46238)

Input 26 use

Modbus: 41240 (46240)

Input 27 use

Modbus: 41242 (46242)

Input 28 use

Modbus: 41244 (46244)

[20] Special 1

. New choice.

Special 1: Reset of peak value

New parameter

Meny 'Special menu'

Peak Mode

Modbus: 41338 (46338)

[0] Gross weight

Gross weight: Peak function works on gross weight.

[1] Net weight

Net weight: Peak function works on net weight.

<Gross weight>

Menu 'Communication'

New Modbus register

Data type: Integer	Data type: Float (2 reg./value)	Data type: Modicon float (2 reg./value)	Explanation	R/W
44096 (3 reg.)	41864	46864	Peak Value	R/W

New Command

Cmd	Action activated in TAD 3	Description
75	Reset of peak value	

Printer pos.1

[5] Special

Modbus: 41148 (46148)

New choice.

Special: Peak value for the printout

Printer pos.2

[5] Special

Modbus: 41150 (46150)

New choice.

Special: Peak value for the printout

Printer pos.3

[5] Special

Modbus: 41152 (46152)

New choice.

Special: Peak value for the printout.

Printer pos.4

[5] Special Disp. weight

Modbus: 41154 (46154)

New choice.

Special: Peak value for the printout.

Print examples

Printout of displayed weight/peak value (Print button pressed)

Printer pos.1 = Date/Time

Printer pos.2 = Instr. name

Printer pos.3 = Special

Printer pos.4 = Disp. weight

Printer linefeed = 0

Instrument name = Ice cream

2004-12-02 02:45	Ice cream
N Pk 128.0 kg	N 078.3 kg
2002-12-02 02:46	Ice cream
N Pk 128.0 kg	G 088.7 kg
2004-12-02 02:47	Ice cream

(net weight is displayed, and net peak value)

(gross weight is displayed and net peak value)

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