

Technical Data

HYTEK T4020-01 Programming lead for T5020 Gauges



Applies to the following models **only**:

- T4020-01-

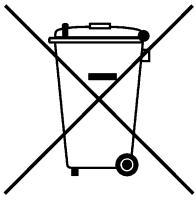
Please read carefully before commencing installation

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Web: www.hytekgb.com

ENVIRONMENTAL INFORMATION



UK Regulation S1 2013 3113 requires that the equipment bearing this symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product must be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities.

PRODUCT DESCRIPTION

The T4020-01 programming cable is used to connect the RS485 connector of the T5020 or Z5020 gauges to a PC. This allows the gauge to be programmed/ calibrated to customer specification.

The product bears the following marking:



IMPORTANT WARNING NOTES

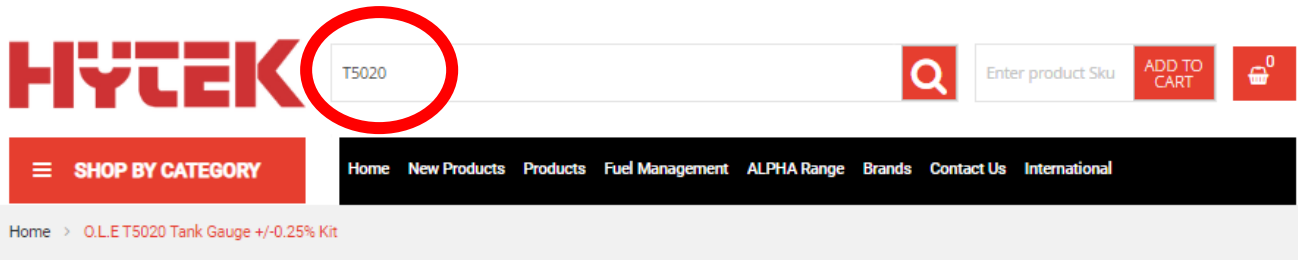
1. For the cable to operate correctly, the correct drivers will need to be installed. If the PC is connected to the internet the drivers should self-install. The drivers are also available on the Hytek website www.hytekgb.com

INSTALLATION INSTRUCTIONS

1. Connect the USB cable into the USB port of the PC. The drivers should install automatically and advise when they are complete.
2. If the drivers are installed correctly, the Communication Port can be verified in the PC's "Hardware Profiles" as this will be needed when the Configuration software is loaded and communication to the Gauges is required.
3. Connect the RS485 connector to the T5020 gauge.
4. Open Configuration Software (See below for instructions)
5. Please ensure the Gauge is in "Standard Mode to talk with the configuration software. (This is shown during power up, bottom right). If it says Modbus, change this to Standard)
(Switch Modbus to Standard, by Powering down, Holding the Alarm Test button down, and powering back up. This will switch from one protocol to the other. It will revert upon Power Up.

Configuration Software

To download the configuration software, navigate to the download section for the T5020 gauge on the Hytek GB Website



The header of the Hytek website features the company logo on the left. To its right is a search bar containing the text 'T5020'. Further right are buttons for 'Enter product Sku', 'ADD TO CART', and a shopping cart icon with a '0' next to it. Below the search bar is a navigation menu with a 'SHOP BY CATEGORY' button and a list of links: Home, New Products, Products, Fuel Management, ALPHA Range, Brands, Contact Us, and International.



O.L.E T5020 Tank Gauge +/-0.25% Kit

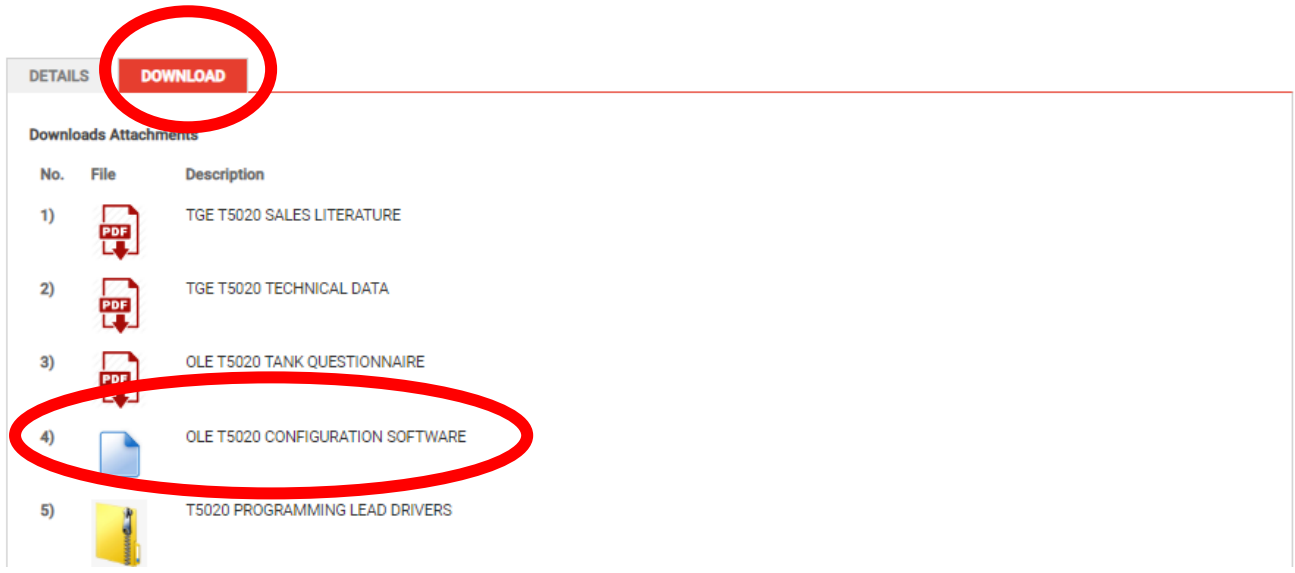
SKU: TGE.T5020A_PG

Login to see price
TGE.T5020A_PG






Choose Option

Tank Height *

Choose an Option...



The product details page has a 'DETAILS' tab and a red 'DOWNLOAD' button. Below this is a section titled 'Downloads Attachments' with a table of files:

No.	File	Description
1)		TGE T5020 SALES LITERATURE
2)		TGE T5020 TECHNICAL DATA
3)		OLE T5020 TANK QUESTIONNAIRE
4)		OLE T5020 CONFIGURATION SOFTWARE
5)		T5020 PROGRAMMING LEAD DRIVERS

SPECIFICATIONS

- USB to UART Cable.
- RS485 level UART signals
- USB Connection with built-in circuit board.
- FT232RQ UART interface IC handling.
- 2 LED displaying traffic flow.
- Cable at one end 4 Way Terminal.
- USB powered.
- USB compliant.
- UART Data transfer rate 3 Mbaud.
- Low USB bandwidth consumption.
- Operating temperature -40°C to +85°C.
- RoHS Compliant.
- CE Certified
- FCC Certified.

OPERATION

To program or calibrate the T5020 / Z5020 gauge follow the instructions supplied with the gauge

TROUBLESHOOTING

If you are having trouble connecting the device, check the cable orientation, correct orientation as per image below



DECLARATION OF CONFORMITY

**UK
CA**

HYTEK
FUEL & LUBRICATION
EQUIPMENT

Company Name: **Hytek (GB) Ltd**

Address: **Delta House
Green Street, Elsenham
Bishop's Stortford, Hertfordshire
CM22 6DS**

Date of Issue: **12th January 2023**

Equipment Details: **T4020-01 Programming Cable
T4020-01**

Applicable Directives:
& Standards **S1 2016 1091 Electromagnetic Compatibility Regulations**

S1 2016 1101 Electrical Equipment Safety Regulations

S1 2008 1597 Supply of Machinery Safety Regulations

**S1 2013 3113 Waste Electrical & Electronic Equipment
Regulations**

**S1 2012 3032 Restriction of Use of Certain Hazardous
Substances Regulations**

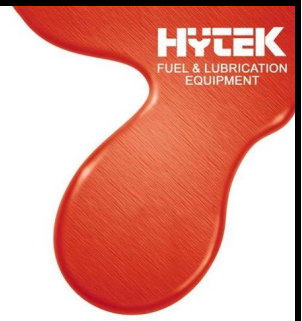
Declaration Number: **UK156 Issue 1**

On behalf of the above-named company, I declare under our sole responsibility that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.

Clive Wellings

Clive Wellings, Process Co-ordinator 12th January 2023, Bishop's Stortford, Herts

DECLARATION OF CONFORMITY



Company Name: **Hytex (GB) Ltd**

Address: **Delta House
Green Street, Elsenham
Bishop's Stortford, Hertfordshire
CM22 6DS**

Date of Issue: **12th January 2023**

Equipment Details: **T4020-01 Programming Cable
T4020-01**

Applicable Directives:
& Standards **2014/30/EU Electromagnetic Compatibility Directive**

2014/35/EU Low Voltage Directive

2006/42/EC Machinery Directive

2012/19/EU Waste Electrical & Electronic Equipment Regulations

**2011/65/EU Restriction of Hazardous Substances Directive
(RoHS2)**

Declaration Number: **EU158 Issue 1**

On behalf of the above-named company, I declare under our sole responsibility that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.

Clive Wellings

Clive Wellings, Process Co-ordinator 12th January 2023, Bishop's Stortford, Herts

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