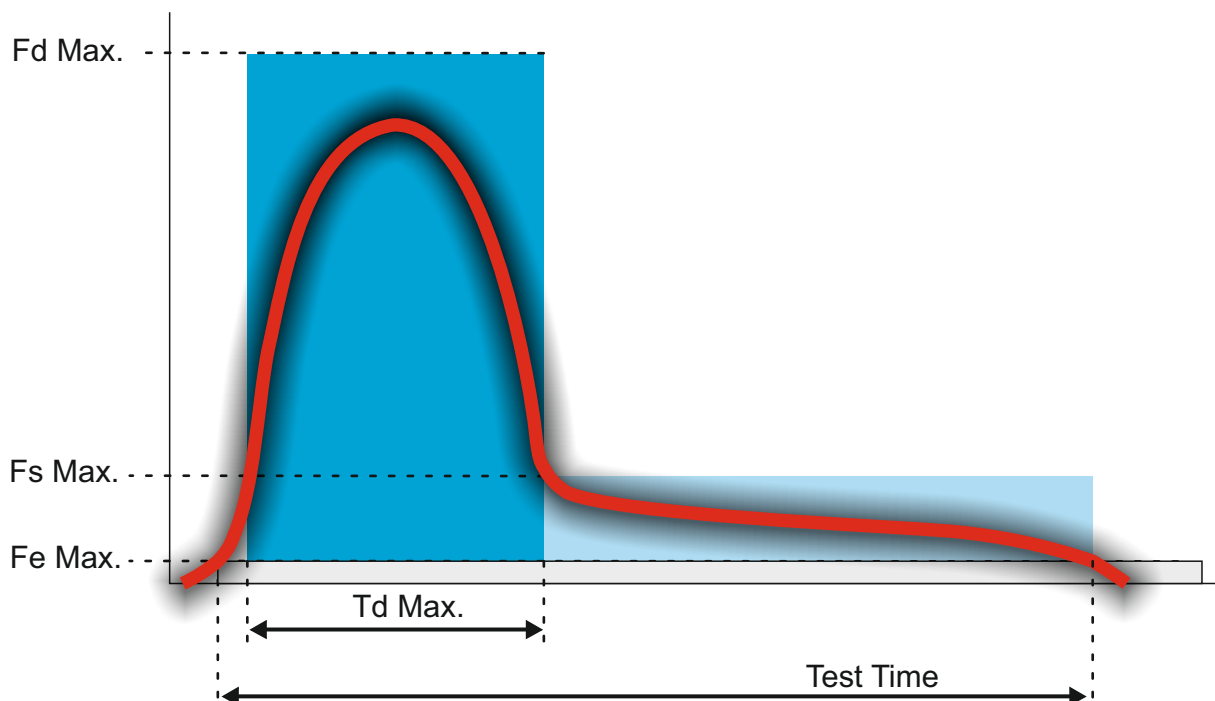
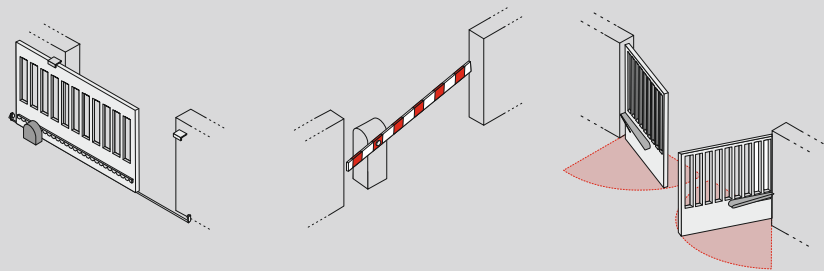


Blue Force **BASIC**

FORCE TESTER FOR AUTOMATIC
GATES AND DOORS

THE **BASIC**
GATE SAFETY



Blue Force

BASIC

From the experience of **Microtronics** in the sector of instrumentation for automatic gates/doors comes the new **BlueForce Basic**: the simplified impact force tester, with the essential functions to guarantee the conformity of the automation according to the minimum safety targets provided for by law in the United Kingdom: (Rif. Doc. - **DHFTS-011:2016**).

The same strength and precision as ever, together with a highly unique design, lie at the base of the success of **BlueForce**, adopted throughout Europe as a Reference Instrument by the major Notified Bodies and the top manufacturers of automations for power-operated gates and pedestrian doors.

MAIN FEATURES

Realization of one force test at a time, with automatic evaluation of the numeric parameters provided for by the normative and direct visualization on the 6 numbers embedded display:

- Fd**: dynamic force peak;
- Td**: dynamic peak duration;
- Fs**: average static force after the dynamic peak;
- Fe**: final force;

Automatic warning of the excess of the provided maximum limits for each parameter, according to the requirements of the current regulation.

By means of the USB port it is possible to connect the **BlueForce Basic** directly to a PC, in order to use the **Software Basic**, (needed for the visualisation of the force/time graphic, as for by the EN 12445: 2002 Par.5.1.1 regulation). With the **Software Basic** it is also possible to update the firmware of the instrument, keeping it up with the recent regulations of reference.

Fully Upgradable: possibility to transform the **BlueForce Basic** into the top class : the **BlueForce Smart**, with the addition of all the technologically advanced features that characterised the main model:

- Memorisation of the tests in the internal memory of the instrument.
- Internal clock
- Advanced software for Windows PC
- Interfacing and availability of **App** for iOS and Android (for technical details see on Microtronics' website)

Technical data:

- Dimensions and Weight: 280x80x50mm - approx. 1.6 Kg
- Power supply: 9V alkaline battery
- Memory capacity: one test at a time
- Force acq. interval: 6 sec, sampling at 1kHz
- Force measurement range: 0-2000N (mechanical stop at approx. 2100N)
- Force measurement resolution: 1N
- Dynamic time measurement resolution: 0.01s
- Maximum force measurement error: the bigger between +/-20N and +/-10% (EN 12445 Par. 5.1.2.)
- CE-EMC conformity verified at TUV Rheinland on sample Blueforce instrument s.n. 00981
- Compliant with the DHF technical specifications TS-011:2016
- In compliance with the EN 12445: 2002 Par.5.1.2 regulation- N.B the instrument has to be connected directly to a PC equipped with the Basic software
- Bluetooth interface v.4.1 (only for connection with the FTP thermal printer)
- USB interface: v.2.0 specification compliant

KIT and COMPOSITION



BASIC KIT

- **BlueForce Basic**
- **Carry-case**
- **Hex wrench for handle**
- **USB cable**
- **Basic Software**



BASIC KIT + PL

- **BlueForce Basic**
- **Carry-case**
- **Straight Extension**
- **Hex wrench for handle**
- **USB cable**
- **Basic Software**

FTP Thermal Printer (optional):

It is practical for the printing of the data on the spot, a useful reminder of the measurements taken with the **BlueForce Basic**, which has a specific button. The FTP thermal printer is wireless and Bluetooth, it is battery-powered, and it is transportable in the **BlueForce Basic** kit suitcase.



Measurement accessories (optional):

Besides the practical **Straight Extension**, suitable for the measurements of all the kind of gates and doors (30cm / 50cm), it is available also the **Angular Extension**, specific for vertical doors and barriers (1,25m ÷ 2,50m).



Upgrade Smart: (available on request)

Thanks to the Upgrade Smart option, it is possible to update the hardware and the firmware of your instrument to the most advanced features, your **BlueForce Basic** becomes a **BlueForce Smart!**



Local Distributor:



Made in Italy

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