smart pft®

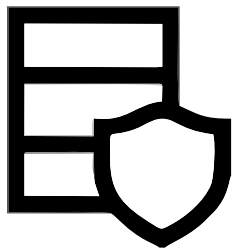| smart pft USB	smart pft CO transfer
smart pft body	smart pft nebulizer

medical ®
equipment
europe

smartSOFTmee

advanced graphical user interface
based on WIN7 / WIN8 / WIN10 operating systems

database server

interfaces
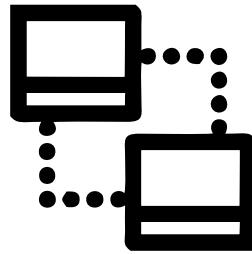
software architecture

The SQL database, a professional
network server solution that represents an
international standard for data storage.

All important informations are
complety encrypted.
It guarantees maximum safety for
testing and patient data.

Nearly all requirements of data sharing
in large networks can be realized.

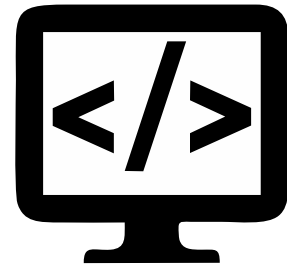ASCII, BDT / GDT *

HL7 *

PDF (labeled) *

FTP networking *

secure eMailing *

e-Doc printer *

Interface for BGA devices *

(* options)

Our modern graphical user interface
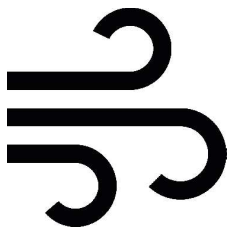makes working with the system simple
and efficient.

The workflow is user optimized.

There are more than 70 different print
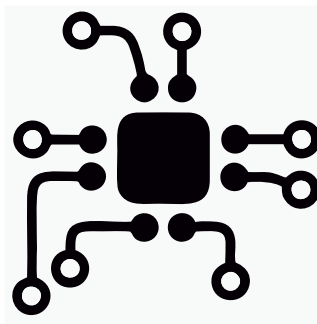templates available to suit all
customers needs.
Predicted value equations, selected
Parameter and parameter units can be
easily modified with in-built editors.

smart pft

Our devices were succesfully approwed
according to 6060-01 4th edition by TÜV SÜD.

smart V sensor [®]

electronics

special features

This pneumotachograph sensor type is used since more than 35 years for pulmonary function and pulmonary exercise testing because of excellent characteristics.

Low resistance, low dead space, high linearity and absolutely no sensitivity to humidity make this sensor an optimal choice.

The data processing unit is based on a ultra low-power µ-processore

Digital, high pressure sensors reduce the riks of electrical interferences

The USB 2.0 PC interface guarantees long-term compatibility for PC system.

The standard software includes the newest GLI 2012 + GLI DLCO predicted value equations and smartZeroing [®]

An online BTPS data sampling module can be added to the USB spirometer.

In all other systems, BTPS sensors are integrated as a standard.

smartZeroing [®] means, the annoying zeroing happens discreetly and continuously in the background.

smart pft USB

high precision PC based spirometer

PC Spirometer USB powered

A powerful spirometer with high precision technology and the posibility for upgrading with a wide range of testing options.

The system requires only one USB cable to connect to a Microsoft computer.

The spirometer has all connectivity options of an advanced pulmonary function testing system like ASCII, HI7 and networking.

Standard features are

- Slow vital capacity test
- Flow/volume test
- Pre/Post comparison
- Trend reporting
- Programmable challenge testing protocols
- Incentive graph for kids
- GLI 2012 predicted values
- SQL database
- smartZeroing

®

smart pft USB Bluetooth®

high precision PC based Bluetooth® spirometer

medical ®
equipment
europe

Bluetooth®

PC Spirometer with Bluetooth 4.1 connection

A fully charged battery lads for many hours continuous cable less testing.

Measurement are possible via USB when Battery are discharged.

This spirometer has all connectivity options of an advanced pulmonary function testing system like ASCII, Hl7 and networking.

Standard features are

- Slow vital capacity test
- Flow/volume test
- Pre/Post comparison
- Trend reporting
- Programmable challenge testing protocols
- Incentive graph for kids
- GLI 2012 predicted values
- SQL database
- smartZeroing

About us

medical equipment europe GmbH is specialized in development, manufacturing and distribution of measuring systems for cardiopulmonary function diagnostics.

Very precise and easy to use measuring technology combined with patient acceptance are main targets of our development.

We design and produce all our devices within one production place on a surface of more than 3.500 m^2 . We dispose a high vertical range of manufacturing.

We concern to produce our products with a minimum of environmental pollution. Transport of semifinished products we keep at a minimum.

medical ®
equipment
europe

our distribution partner