Competence creates Confidence.

● Model no. 1780

IPT DATALOGGING® V6

From the lab
to the desk
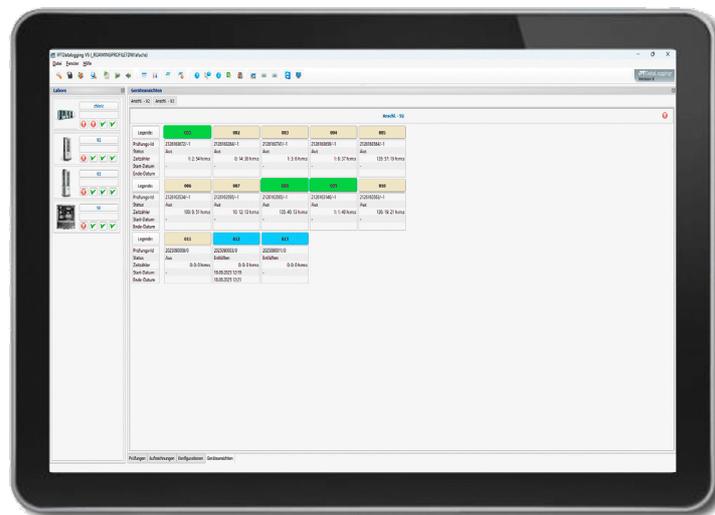
IPT DataLogging® is a professional and comprehensive software package for managing all tests carried out as part of quality control for plastic products in your laboratory. From the laboratory view, which shows you the current status of all connected test devices at a glance, to the detailed display for each individual device, every view can be adapted to your needs.

www.iptnet.de

Standard features

● Software architecture	IPT DataLogging® is 64 bit, supports the UTF-8 coding and is based on the well established QT library. Data storage takes place in an SQL database (default: MySQL), which can be located on one of the clients or on a central server. Each client immediately shows the current status of all devices immediately and independent of the client, which communicates with the equipment. Communication with the equipment is executed by a system service. Thus the data exchange functions without log-on.
● Data architecture	Each test/sample consists of parameters, results and recording data (e.G. pressure record), which are defined by the device where the test is designated to run. In addition to this, each test/sample may be described by a set of fields, which may be freely administrated by the user of the software. Finally, tests may be grouped into projects.
● View organisation	You are free to group the registered equipment into logical labs. For all stations, each lab and each device, there are individual views available. Each view represents a list of stations with additional grouping capabilities (e.g. free stations, running stations, finished tests). Finally, you are free to show values out of the data sets above (paramters, results, records, description, projects).
● Reporting	IPT DataLogging® comes with a fully functional report designer and, for your convenience, with a set of pre defined reports. The layout of a report is language independent. So, you may generate reports in different languages. The software also provides a very powerful search dialog for generating lists of tests.
● Language support	In general, all languages are supported. It comes with a set of predefined languages, but the user is free to create additional translations.
● Safety	This version contains a complete safety system, which automatically registers the user name and the client name. For each user and client a database wide rule is automatically created. Depending on the licence, customized access levels for each unit and user may be defined.
● Updates	Depending on the licence, IPT provides updates on our website, which may be automatically downloaded and installed after the user has accepted them.

Options

● Additional clients	For Standard and Professional software
● Software modules	– Pressure tester / Burst – Temperature cycling test – Creep – tensile tests (FNCT) – MFR/MVR tests – Dynamic pressure test – Falling weight test – Virtual devices

Version V6	IPT User-Interface	DL6 Standard	DL6 Professional
Database licence	Lifetime	Lifetime	Lifetime
Updates Included - Hotline support - Remote support (facility, training, etc.)	12 months	12 months	12 months
Selection of languages	√	√	√
Number of clients / workstations	1	1	1–3
Access levels management: - User based	–	√	√
Access levels management: - PC based	–	√	√
Access levels management: - Unit based	–	–	√
Access levels management: - Web interface	–	–	√
Occurence-controlled scripts (e.g. upon status change of parameters)	–	–	√

Data Management

	IPT User-Interface	DL6 Standard	DL6 Professional
Supported database formats	SQLite and MySQL (if already installed at facility)	MySQL	MySQL, Postgres, Oracle, DB2, Interbase oder via ODBC
Advanced database search	–	√	√
Sekundäre	–	–	Max. 9
Manual import File import via ODBC (MS Excel, Access, …)	–	–	√
Occurrence-controlled file import	–	–	√
Time-controlled file import	–	–	√

Data relaying: File export

	IPT User-Interface	DL6 Standard	DL6 Professional
Manual export	√	√	√
Occurrence-controlled file export	–	√	√
Time-controlled file export	–	√	√
Occurrence-controlled file export and email sending	–	–	√
Time-controlled file export and email sending	–	–	√

Version V6	IPT User-Interface	DL6 Standard	DL6 Professional
Units communication and visualization			
Chart recording feature for graphical presentation of reading values such as pressure, temperature, force	√	√	√
Units converter metric / imperial system	√	√	√
Parameter templates Simplified creation of new tests by selection either of templates or copies – parameter transfer to the units	√	√	√
Definition of status colors	√	√	√
Description templates (Management of specimen description templates with user-definable fields)	–	√	√
Embedding and management of pictures and video recordings of the test	–	√	√
Virtual connections Virtual partition of a test station to simulate distribution rack situations for individual results files each specimen	–	max. 3	max. 30
Reporting			
Manual	√	√	√
Occurence-controlled report printout	–	√	√
Time-controlled report printout	–	√	√
Occurrence-controlled report printout and mail sending in PDF format	–	–	√
Time-controlled report printout and mail sending in PDF format	–	–	√
Report designer, report layout management and listing by means of embedded template designer	√	√	√

Version V6		IPT User-Interface	DL6 Standard	DL6 Professional
System requirements				
Operating system		Microsoft Windows 11 Professional (64 bit)		
Processor performance	recommended	Intel® Core™ i7 oder AMD Ryzen™ 5		
RAM	at least	16 GB		
Hard disc capacity	recommended	≥ 500 GB SSD		
Screen resolution	at least	≥ 1,280 x 1,024 px		
Connection to the internet		mandatory		
Network				
	at least	2 x		
	at least	1 GBit		
USB				
	at least	4 x		
	at least	2.0		

Please note that if the data shall be recovered from IPT DataLogging® V4, MS Office 32Bit should not be installed on the machine.