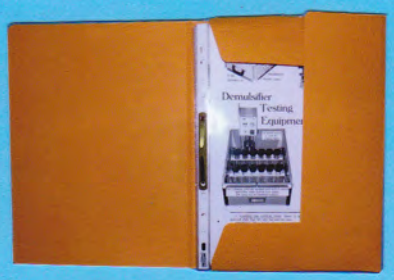
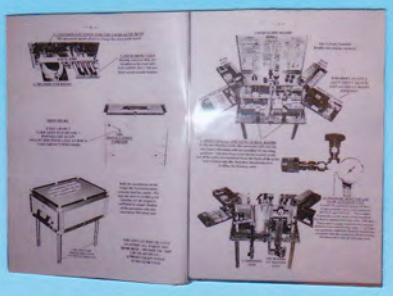


Users Guides Instructions Manuals

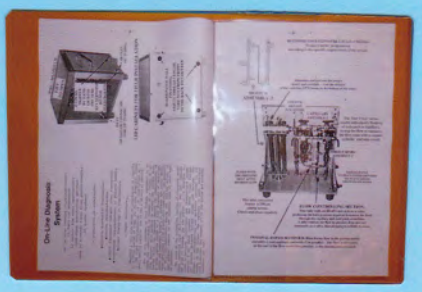
The users guides are delivered in A4 folders. each sheet is protected by a transparent anti-static cover – The whole content can be scrolled very easily.

Few users guides are presented in numerical code – Each part of the instrumentation is labelled with corresponding number. Others are presented in pictures or diagrammes as shown hereunder.



The users guides are also available in pdf format – After delivery of the instrumentation, not before.

ELEMENTARY MAINTENANCE:
-Keep the instrumentation clean
-Keep it dry inside after use
-Keep original order



A Glance at the Temperature and Chemicals Resistance of Plastics and Elastomers Used in the Instrumentation

Herewith the resistance to following chemicals is given:
IPA – HCl-37% – HCl-10% – N-Gasoline – Xylene – Acetone. As representative of common types.
(+)=Totally resistant – (*)=Short exposure (washing purposes) – (-)=Avoid any contact

-PE (Polyethylene): -40°C+90°C – Resistant except to Xylene(*) – Used as hose.
-PP (Polypropylene): -25°C+111°C – Resistant except to Xylene(-) and N-Gasoline(*-) – Extensively used for housing and connections.
-PVDF (Polyvinylidenfluoride): -60°C+150°C – Totally resistant, inert – Used for connections.
-PTFE (Polytetrafluorethylene): -200°C+260°C – Totally resistant – Hoses.
-PC (Polycarbonate): -100°C+135°C – Non resistant – IPA(*), HCl-10%(*-) – Used for transparent front windows – Wash with cleaning tissues and dry with microfibre tissues.
-PVC (Polyvinylchloride): -45°C+70°C – Acid and IPA resistant – Acetone, N-Gasoline and Xylene(-) – Only used for micropump hoses (Tygon) to inject diluted chemicals – FPM hoses are also available.
-PMMA (Polymethylmethaacrylate, Acrylglass): -60°C+80°C – Non resistant, Aceton soluble – Only used to pack coupon arrays and probes.
-PFA (Perfluoralkoxy Polymer): -200°C+200°C – Totally resistant, superior – Used for hoses and connections.
-PEEK (Polyarylether Etherketon): -65°C+250°C – Totally resistant, superior, noble – Used for plastic material of coupon arrays and probes (inserts and isolators).
-ECTFE (Copolymer of Ethylene+Monochlorinetrifluorethylene): 150°C – Superior resistance - Used for probe coatings.

-IIR (Butyl Rubber): -30°C+130°C – Xylene and N-Gasoline(-) – Gas tight – Used as septum and seal for bottles.
-FPM (Fluor Rubber): -20°C+200°C – Resistant except to HCl-37%(*) and Acetone(*).
-MQ (Silicon Rubber): -60°C+200°C – Non resistant – Used for tools as hand protection – Clean with IPA or cleaning tissues.