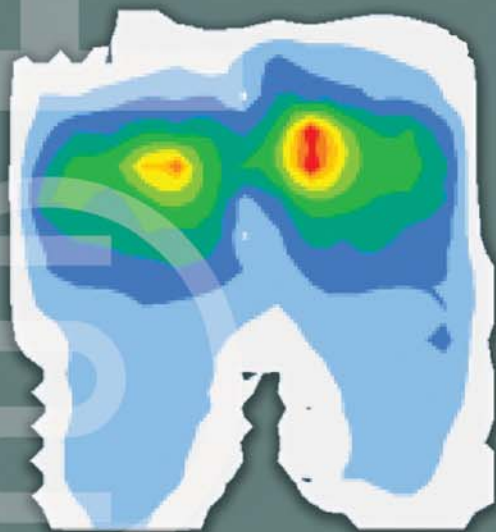


SEAT PRESSURE MAPPING

 Bulldog sensor technology
Including Clinical
protocol Wizard



www.rsscan.com



MASTERS IN PRESSURE MAPPING

An outstanding tool to evaluate the interaction between the human body and the surface that supports it in seats like e.g. wheelchair seat cushions, working and relax chairs. Over the years the outstanding technology has matured as an appreciated tool for professionals who are involved in decision making for employees, for wheelchair users etc.

For various significant reasons the selection of a wheelchair cushion is a challenge. Handicapped persons require devices which accommodate them comfortably but which also ensure that the user is safe. The probably most important challenge is in the prevention of acquiring secondary impairments by skeletal deformation and skin breakdown. **mFLEX® is a user friendly tool that provides objective data that help the clinical professional to serve the client better.** Objective data in addition to the information collected through verbal, visual and palpative communication lead to better decisions in the interest of the client, ensuring an optimal functional use of the device under exclusion of risks.

mFLEX® integrates a Clinical Protocol in its software that enables the professional to perform extremely effectively. The protocol leads the user through a process of information intake, collection measurement data and comparing the measurement results. Such, in a minimum of time, relevant data lead to an accountable conclusion in a report format that explains and justifies the taken decision. mFLEX® becomes an instrument that on one side ensures that the client's interests are protected, and enhances the professional level of the clinician. Worldwide thousands of medical doctors, therapists and clinical engineers have appreciated the unique features of such a technology.

In developing products for seating and positioning, but certainly also in testing these devices and analyzing their physical properties, researchers and industrial technologists depend on the **unique properties of the BULL DOG sensor** that is used in the mFLEX® sensor units. In order to meet the requirements of the professionals in clinical, industrial and in research environments, mFLEX® offers a range of sensor options in dimensions and resolutions. In all thinkable situations a sensor unit can be provided that meets the requirements of the user.

Compose your ideal Pressure Mapping System by combining the interface module with the optimal sensor unit and the relevant calibration kit.

1 mFLEX COMPUTER INTERFACE MODULE

Dimensions: 4 cm x 14 cm x 15 cm
Weight: 490 grams
Input: Two 34 pin Insulator Displacement Connectors
Output: USB and RJ-45 (8 wire cable Serial)
Power Supply: 9 Volt, 500 mAmp AC/DC converter

Indicator lights: power, diagnostics and scan rate
Switch: built in trigger for initiating remote reading

- PC connecting cables Serial and USB
- Powersupply converts from 220 to 9 Volt
- Manual trigger and battery holder for initiating remote reading
- Web belt
- mFLEX software and manual

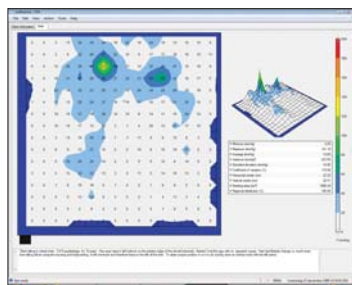
2 SEAT MAT SPECIFICATIONS

mFLEX mat type: ACC 2

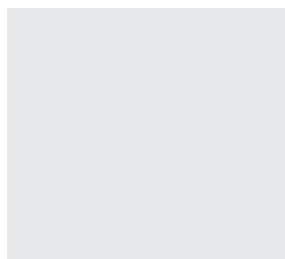
	Standard			Advanced			Expert		
<i>mFLEX mat name:</i>	<i>seat</i> 16/43	<i>seat</i> 16/53	<i>seat</i> 16/63	<i>seat</i> 24/43	<i>seat</i> 24/53	<i>seat</i> 24/63	<i>seat</i> 32/43	<i>seat</i> 32/53	<i>seat</i> 32/63
<i>Serial number prefix:</i>	1009	1010	1021	1022	1023	1024	1025	1026	1027
<i>Sensing area length (mm):</i>	330	430	530	330	430	530	330	430	530
<i>Sensing area width (mm):</i>	330	430	530	330	430	530	330	430	530
<i>Sensor arrangement:</i>	16x16	16x16	16x16	24x24	24x24	24x24	32x32	32x32	32x32
<i>Standard calibr. range: (mmHg)</i>	200	200	200	200	200	200	200	200	200
<i>Finished mat length (mm):</i>	430	533.4	630	430	533.4	630	430	533.4	630
<i>(inch):</i>	17"	21"	25"	17"	21"	25"	17"	21"	25"
<i>Finished mat width (mm):</i>	430	533.4	630	430	533.4	630	430	533.4	630
<i>(inch):</i>	17"	21"	25"	17"	21"	25"	17"	21"	25"

3 CALIBRATION JIG TYPES

Article nr. Name
 ACC 16: Small
 ACC 18: Medium/Large
 ACC 19: Long
 ACC 20: High Pressure



Local distribution:



Distribution worldwide:
 RSscan International head quarters

RSscan International NV
 Lammerdries-Oost 27
 B-2250 Olen
 Belgium

Voice: +32 (0)14-23 20 31
 Fax: +32 (0)14-23 53 90
info@rsscan.com
www.rsscan.com



making an impression