

The emed<sup>®</sup> recorder software measures dynamic pressure distribution and captures multi-video synchronously. No extra video software is required.



The emed<sup>®</sup> software controls the emed platform and collects and displays the plantar pressure data.



novel gmbh (Germany) • Ismaninger Str. 51 • D-81675 Munich  
tel: +49 (89) 417767-0 • fax: +49 (89) 417767-99  
e-mail: novel@novel.de • web: www.novel.de

novel electronics inc. (USA) • 964 Grand Avenue • St.Paul, MN 55105  
tel: +1 (651) 221-0505 • fax: +1 651 221-0404  
e-mail: novelinc@novelusa.com • web: www.novelusa.com

MG Atzori Consultants Ltd • tel: +44 (115) 9622622  
e-mail: noveluk@novel.de

All systems from novel operate with high quality, calibrated sensors and provide reliable and reproducible long term measurements. emed<sup>®</sup>, pliance<sup>®</sup>, pedar<sup>®</sup>, manugraphy<sup>®</sup> and the novel logo (colored foot) are the registered trademarks of novel gmbh © 1992-2014

**Technical data for the emed<sup>®</sup>-c50 platform:**

dimensions (mm)	610 x 323 x 15,5 (18)
sensor area (mm)	395 x 240
number of sensors	3,792
resolution (sensors/cm <sup>2</sup> )	4
frequency (Hz)	50/60
pressure range (kPa)	10 - 1,270
pressure threshold (kPa)	10
accuracy (% ZAS)	± 5
hysteresis (%)	< 3
temperature range (°C)	15 - 40
max. total force (N)	120,000
cross talk (db)	- 40
cable length (m)	5
synchronisation	sync-out pulse at start

**Technical data for the emed<sup>®</sup>-a50 platform:**

dimensions (mm)	610 x 323 x 15,5 (18)
sensor area (mm)	389 x 226
number of sensors	1,760
resolution (sensors/cm <sup>2</sup> )	2
frequency (Hz)	50/60
pressure range (kPa)	10 - 1,270
pressure threshold (kPa)	10
accuracy (% ZAS)	± 7
hysteresis (%)	< 3
temperature range (°C)	15 - 40
max. total force (N)	110,000
cross talk (db)	- 40
cable length (m)	5
synchronisation	only LED flash at start



## emed<sup>®</sup>-n50

emed<sup>®</sup> pedography platforms are accurate electronic systems for recording and evaluating pressure distribution under the foot in static and dynamic conditions.



## emed<sup>®</sup>-q100

emed<sup>®</sup> platforms operate with calibrated capacitive sensors and are certified medical products.



## emed<sup>®</sup>-x400

emed<sup>®</sup> systems measure accurately foot pressure and body weight in static and dynamic mode and start recording automatically when the subject's foot contacts the platform.



### Technical data for the emed<sup>®</sup>-n50 platform:

dimensions (mm)	700 x 403 x 15,5 (18)
sensor area (mm)	475 x 320
number of sensors	6,080
resolution (sensors/cm <sup>2</sup> )	4
frequency (Hz)	50
pressure range (kPa)	10 - 1,270
pressure threshold (kPa)	10
accuracy (% ZAS)	± 5
hysteresis (%)	< 3
temperature range (°C)	15 - 40
max. total force (N)	193,000
cross talk (db)	- 40
cable length (m)	5
synchronisation	sync-out pulse at start

### Technical data for the emed<sup>®</sup>-q100 platform:

dimensions (mm)	700 x 403 x 15,5 (18)
sensor area (mm)	475 x 320
number of sensors	6,080
resolution (sensors/cm <sup>2</sup> )	4
frequency (Hz)	100
pressure range (kPa)	10 - 1,270
pressure threshold (kPa)	10
accuracy (% ZAS)	± 5
hysteresis (%)	< 3
temperature range (°C)	15 - 40
max. total force (N)	193,000
cross talk (db)	- 40
cable length (m)	5
synchronisation	sync-out pulse at start

### Technical data for the emed<sup>®</sup>-x400 platform:

dimensions (mm)	700 x 403 x 15,5 (18)
sensor area (mm)	475 x 320
number of sensors	6,080
resolution (sensors/cm <sup>2</sup> )	1 or 4
frequency (Hz)	400 or 100
pressure range (kPa)	10 - 1,270
pressure threshold (kPa)	10
accuracy (% ZAS)	± 5
hysteresis (%)	< 3
temperature range (°C)	15 - 40
max. total force (N)	193,000
cross talk (db)	- 40
cable length (m)	5
synchronisation	sync-out/in