

**MARPOSS**

**E70s**

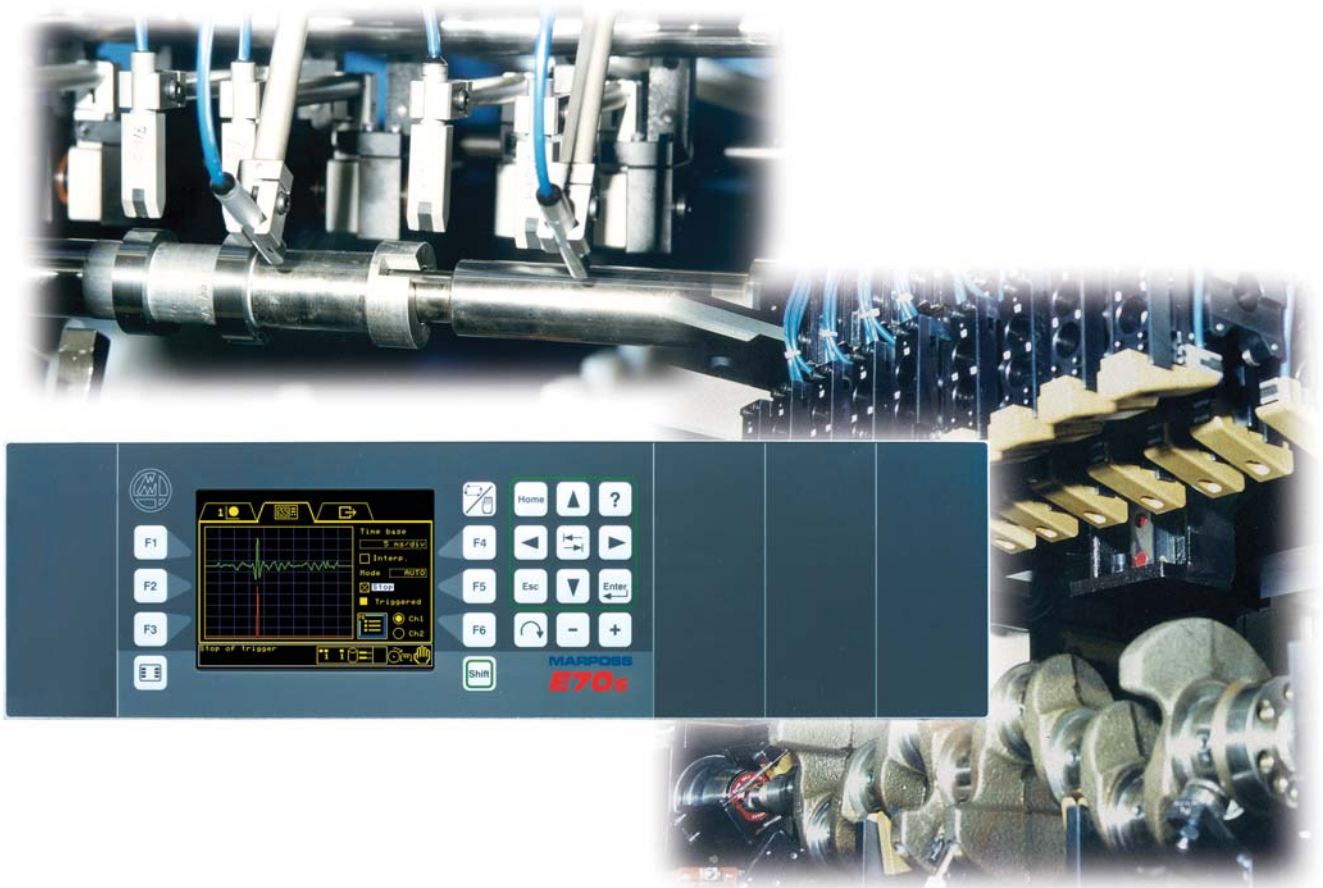
## **MULTICHANNEL ELECTRONIC SYSTEM FOR NON DESTRUCTIVE TEST**

The development of the electronic E70s of new generation represents a significant step forward for the solution of complex applications that require the use of a large number of sensors.

Thanks to the wide modularity offered by the system it is possible to configurate measuring solutions from a minimum of two channels to a maximum of twelve, further expandable by means of external multiplexers.

The system is able to store up to 256 setting parameters for each one of the 12 sensors that can be directly connected to the E70s, thus allowing exhaustive tests for every kind of part that have to be checked.

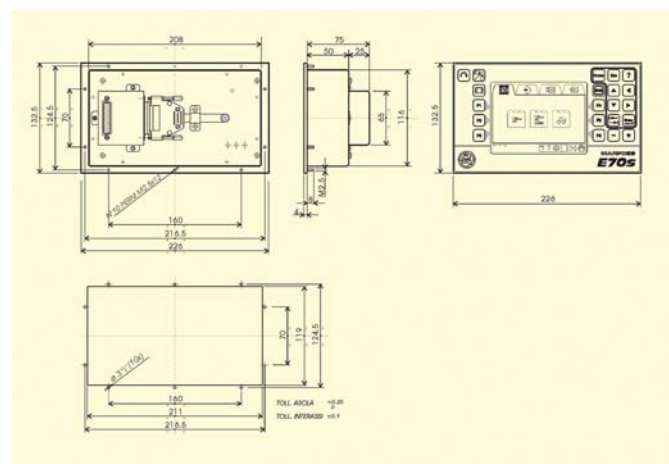
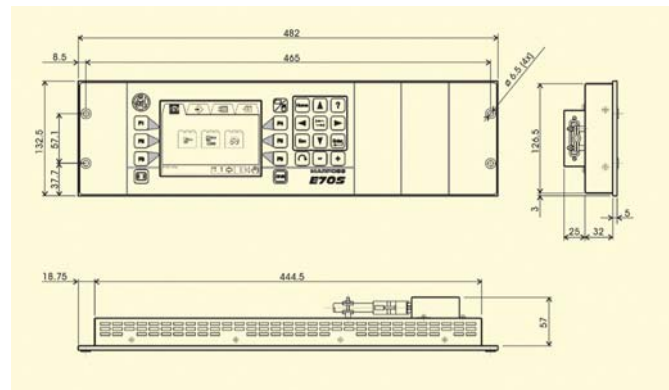
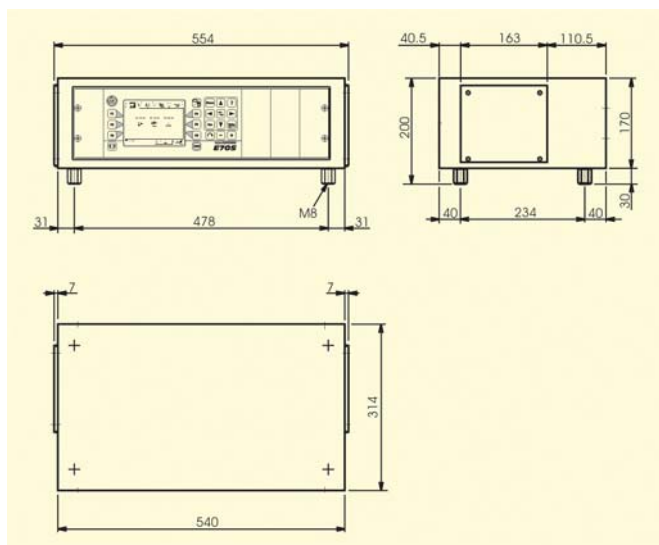
A wide range of H.W. configurations can suit specific applications. The E70s is available with local or remote operator panels, providing various mounting solutions



GENERAL FEATURES	
Channels (max)	12
Number of connectable probes (max)	12 absolute or differential
	24 absolute with internal multiplexer
Working frequency	10 kHz ÷ 2 MHz
Number of parameter sets in memory	up to 256
Microprocessor	DSP processor for signal analysis
Part to probe distance compensation	Yes
MACHINE INTERFACE	
Optoinsulated I/O configurable as BCD or I/O with protected outputs	number of signals: 64 I/O programmable (expandable)
	2 x 32 (8 Out, 8 In, 16 In/Out programmable)
	Sink / Source
	operating voltage 24 Vdc (-15/+20)%
	input current: 5 mA / 24Vdc
Serial	output current 100 mA / 24Vdc
	2 x (RS232E)
	transmission protocol: according to specific needs
Field bus	transmission rate programmable from 9600 up to 11500 bauds
Power supply	Profibus / Interbus -S
External trigger	24Vdc (-15/+20)%
High speed dedicated I/O	consumption: 35 ÷ 200w (max)
Yes	Yes
Yes	Yes
USER INTERFACE	
Autosetting functions	Yes
Guided menus	Yes
Graphic LCD	320 x 240 pixel , ¼ VGA (5,5") Color
Remote panel	max remotable distance: 20 m (65 feet)

## Dimensions for Mainframes, Stand Alone Unit and Panels

- 1- Integrated Mainframe ½ 19" - 4HE
- 2- Integrated Mainframe 19" - 3HE
- 3- Integrated Mainframe 19" - 4HE
- 4- Stand Alone Unit 19" - 3HE
- 5- Remote Panel ½ 19" - 3HE
- 6- Remote Panel 19" - 3HE



**MARPOSS**  
www.marposs.com

For a full list of address locations, please consult the Marposs official website

D6E70S00G0 - Edition 01/2008 - Specifications are subject to modifications  
© Copyright 2002 - 2008 MARPOSS S.p.A. (Italy) - All rights reserved.

MARPOSS, ® and Marposs product names/signs mentioned or shown herein are registered trademarks or trademarks of Marposs in the United States and other countries. The rights, if any, of third parties on trademarks or registered trademarks mentioned in the present publication are acknowledged to the respective owners.

Marposs has an integrated system to manage the Company quality, the environment and safety, attested by ISO 9001, ISO 14001 and OHSAS 18001 certifications. Marposs has further been qualified EAQF 94 and has obtained the Q1-Award.