



# gea

## Ept 7.5

***MAKES IT***

***EASY!***

# ***ELECTRONIC CR PUMP TESTER***



***Phased Pumps Equipment now available!***

Made by DITEX TECHNOLOGIES S.R.L.

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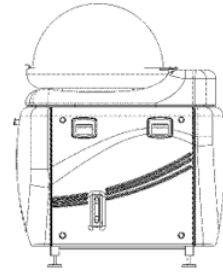
## **gea** ***MAKES IT EASY!***

**GEA** has been developed to represent a solution for the today's Diesel Specialist in order to test multiple brands of High Pressure Common Rail pumps for diesel engines upto 7 liters. It is one of the results of a '20-Years' collaboration between Nova Ditex and Smartec.

Our 'one of a kind' Ergonomic design and other Innovative solutions make the product unique, easy to operate and needless to say fully automatic, such as: Bluetooth Wireless Control, LED visual warning lights and extremely efficient Temperature Controls of the ISO calibration fluid! **GEA** is designed by keeping the future in mind, another step in our continuous effort to offer our customers a dependable, economic and effective solution. Thank you for being a part of our success!

## **TECHNICAL SPECIFICATIONS:**

### **GEA EPT 7.5**



Technical features	Unit of Measure	Specifications
Power Supply:	V A	400 26
Frequency:	Hz	50 ÷ 60
Connection:		3P+N+PE
Motor	kW	7,5
Storage Temperature:	°C	-5 ÷ 55
Operating Temperature: (With high ambient temperature the thermoregulation could be compromised in some test conditions)	°C %	5 ÷ 40 ≤ 90 (environmental temperature 25°C for maximum 24 h)
Safety Specs:		IP43
Motor maximum speed:	rpm	3500
Auxiliary control voltage:	V	24 DC
Connection:		Bluetooth (standard) CAN (standard)
Recovery oil Tank: Capacity	l	15
Filtration: Submerged feed filter Main filter	µm µm	< 150 < 10
Test oil:		standard ISO 4113
Maximum rail pressure:	bar	2600
Maximum test rail pressure:		It depends by the type of RDS sensor and the DRV pressure regulators installed




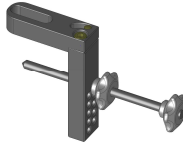


### **EPT 7.5 GEA BENCH DIMENSIONS**

Technical features	Unit of Measure	Specifications
GEA EPT 7.5 (L x A x P)	mm	1000 x 1550 x 1280
Height:	mm	from 1550 to 1970
Working area height:	mm	1140
Weight:	kg	430

### M PROP-DRV Valve Pumps STANDARD EQUIPMENT

COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX79335		M PROP – DRV Valve Pumps ACTIVATION	DX75074-012		Coupling fixing wrench
DX75074-004		Oldham Center Disc	DX82810		Supply pipes Kit
DX75074-007		Spacer	DX73640		CAN line
DX75074-009		Spacer	DX73642		CAN line Extension Cable (5 mt)

### PHASED PUMPS STANDARD EQUIPMENT

COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX79336		Phased Pumps Passenger Car ACTIVATION	DX74240		Phased Pumps Setting Kit
DX97408		ECU Phased Pumps	DX74241G		Phased Pumps Fixing Kit
DX74335		Connections cable			
DX74415		EV Pump cable (2 Pcs)			

**DX79899 PC\* RECOMMENDED****IMPORTANT**

**WE RECOMMEND THE USE OF A DEDICATED PC PROVIDED BY DITEX (DX79899 code) TO GUARANTEE THE CORRECT OPERATION OF GEA.**

*THE CUSTOMER can use a different PC with GEA, instead of the one provided by DITEX, but it is necessary to stipulate a paid Software Assistance Contract to guarantee the correct operation,.*

**PC MINIMUM REQUIREMENTS**







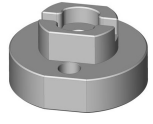




Processor Intel Core i5 #2 core - Ram 4Gb or higher - Hard Disk 250Gb - Operating System – Windows 10 Professional 64 bit or later.

NOTE: We recommended to disable bluetooth driver

- 1)\* The PC must use our software only.  
The simultaneous use of other programs, will cause malfunction.
- 2) The Net Book/ Mini PC with 10-inch screen IS NOT COMPATIBLE. (due to their performance and screen size).
- 3) Internet connection is necessary to download test plans/requested updates, and also required to provide an efficient remote assistance.







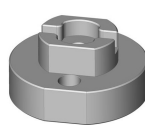




## BOSCH CP1 PUMPS



COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX73222		Transfer pressure connection adaptor DRV CP1	DX74400		AMP Connection cable
DX73209-R1		Universal flange for Bosch, Delphi, Denso and Siemens Pumps	DX73637		EV shut off cable
DX73238		Flange for BOSCH CP1K – CP1H DENSO HP2 DELPHI DFP1	DX74412		SICMA Connection cable
DX75074-003		Oldham coupling mm 9 – mm 8	DX73206		CP1 feed connection KIT
DX75074-008		Ø 20 Coupling	DX827062/2CR		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 12-14
DX75077		Oldham Kit 8-9-10 mm			









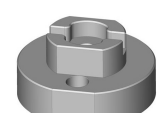

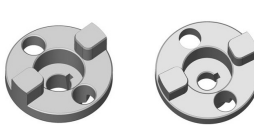



## BOSCH CP1H PUMPS



COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX73223		Transfer pressure connection adaptor ZME	DX74413		VACUUM sensor measuring set
DX73209-R1		Universal flange for Bosch, Delphi, Denso and Siemens Pumps	DX74414		Transfer pressure sensor measuring kit
DX75190		Centering Ring Ø 60	DX74400		AMP Connection cable
DX75074-003		Oldham coupling mm 9 – mm 8	DX74411		KOSTAL Connection cable
DX75074-008		Ø 20 Coupling	DX827062/1CR DX827062/2CR		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 12-12 cm 70 12-14
DX75077		Oldham Kit 8-9-10 mm			

## BOSCH CP3 PUMPS















COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX73223		Transfer pressure connection adaptor ZME	DX74413		VACUUM sensor measuring set
DX73209-R1		Universal flange for Bosch, Delphi, Denso and Siemens Pumps	DX74414		Transfer pressure sensor measuring kit
DX75142-R1		Fixing flange	DX74400		AMP Connection cable
DX75190		Centering Ring Ø 60	DX74401		Connection cable
DX75074-003		Oldham coupling mm 9 – mm 8	DX74411		KOSTAL Connection cable
DX75074-005-R1 DX75074-008		<b>DX75074-005-R1</b> Ø 25 Coupling  <b>DX75074-008</b> Ø 20 Coupling	DX827062/1CR		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 12-12
DX75077		Oldham Kit 8-9-10 mm	DX80992		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-14 90°

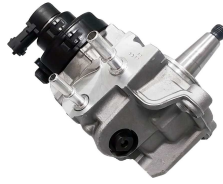









## BOSCH CP4 PUMPS



COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX75203		Transfer pressure connection adaptor	DX74411		KOSTAL Connection cable
DX75175-R1		VE CP4 pumps mounting flange	DX74400		AMP Connection cable
DX75074-005-R1		Ø 25 Coupling	DX80988		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-16 90°
DX74413		VACUUM sensor measuring set	DX80991		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-16 90°x2
DX74414		Transfer pressure sensor measuring kit	DX75938		2 Pcs Kit Mercedes
DX74224		CP4 Supply Kit (Pumps Type Honda)	DX75074-014		Ø 20 Coupling











## BOSCH CP4 PHASED PUMPS



COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX75074-005-R1		Ø 25 Coupling	DX74400		AMP Connection cable
DX75074-011-R1		Ford – Land Rover Coupling Ø 22	DX74411		KOSTAL Connection cable
DX75175-R1		VE CP4 pumps mounting flange	DX80988		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-16 90°
			DX80991		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-16 90°x2





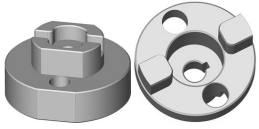









## DELPHI DFP1 PUMPS



COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX73224		IMV transfer pressure connection adaptor	DX74413		VACUUM sensor measuring set
DX73238		Flange for BOSCH CP1K – CP1H DENSO HP2 DELPHI DFP1	DX74414		Transfer pressure sensor measuring kit
DX73207		Flange for Delphi DFP1 Renault K9K	DX74412		SICMA Connection cable
DX73209-R1		Universal flange for Bosch, Delphi, Denso and Siemens Pumps	DX827062/2CR		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 12-12
DX75074-008		Ø 20 Coupling	DX80992		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-14 90°





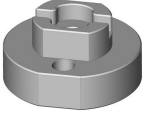






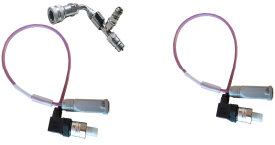


## DELPHI DFP3 PUMPS



COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX73224		IMV transfer pressure connection adaptor	DX74412		SICMA Connection cable
DX73209-R1		Universal flange for Bosch, Delphi, Denso and Siemens Pumps	DX74411		KOSTAL Connection cable
DX75074-003 DX75074-008		DX75074-003 Oldham coupling mm 9 – mm 8 + DX74298 Ø 20 Coupling	DX827062/2CR		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 12-12
DX74299 DX74298*		DX74299 Pump mounting flange + DX74298 *Adaptor flange for DFP3.4 (ex. 28214973...)	DX75142-R1		Fixing flange
DX74413		VACUUM sensor measuring set	DX80992		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-14 90°
DX74414		Transfer pressure sensor measuring kit	DX74419		GEA Delphi DFP3 recovery pipe without valve
DX74401		Connection cable	DX75077		Oldham Kit 8-9-10 mm








## DELPHI DFP4 PUMPS



COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX73224		IMV transfer pressure connection adaptor	DX74412		SICMA Connection cable
DX73209-R1		Universal flange for Bosch, Delphi, Denso and Siemens Pumps (in addition to the one provided with the basic kit)	DX74411		KOSTAL Connection cable
DX75074-003		Oldham coupling mm 9 – mm 8	DX827062/2CR		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 12-14
DX75074-008		Pumps Coupling Ø 20	DX75142-R1		Fixing flange
DX74401		Connection cable	DX80992		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-14 90°
DX74419		Delphi DFP3 recovery pipe without valve	DX74413 DX74414		<b>DX74413</b> VACUUM sensor measuring set  <b>DX74414</b> Transfer pressure sensor measuring kit
DX74299		Pump mounting flange	DX75077		Oldham Kit 8-9-10 mm

## POMPE DELPHI DFP6/DFP7









COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX75175-R1		VE CP4 Fixing flange	DX74411		KOSTAL Connection cable
DX75074-008		Pumps Coupling Ø 20	DX80992		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-14 90°
DX75074-015		Pumps Coupling DW10F Application Ø 25	DX73238		Flange for BOSCH CP1K – CP1H – CP4 DENSO HP2 DELPHI DFP1
DX74419		Delphi DFP3 recovery pipe without valve			

## DENSO HP2 PUMPS







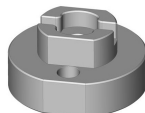







**GEA WITH  
INCREASED CALOTTE  
NEEDED**

COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX75074-005-R1		<i>Ø 25 Coupling</i>	DX74405		<i>SCV Connection cable</i>
DX73209-R1		<i>Universal flange for Bosch, Delphi, Denso and Siemens Pumps</i>	DX74406		<i>Connection cable</i>
DX73239		<i>Denso HP2 Pump Support Flange</i>	DX827062/2CR		<i>Semiflexible high pressure pipe connecting Rail to Pump: cm 70 12-14</i>

## DENSO HP3/HP4 PUMPS







COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX73236-R1		SCV transfer pressure connection adaptor	DX74413		VACUUM sensor measuring set
DX73237		SCV transfer pressure short connection adaptor	DX74414		Transfer pressure sensor measuring kit
DX73209-R1		Universal flange for Bosch, Delphi, Denso and Siemens Pumps	DX74400		AMP Connection cable
DX75074-003		Oldham coupling mm 9 – mm 8	DX74405		SCV Connection cable
DX75074-008		Ø 20 Coupling	DX827062/2CR (x2)		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 12-12
DX75077		Oldham Kit 8-9-10 mm	DX80992		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-14 90°







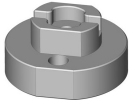
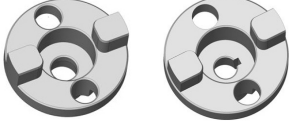




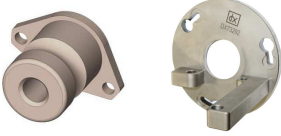





## DENSO HP5 PUMPS



COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
<b>DX73209-R1</b>		<p>Universal flange for Bosch, Delphi, Denso and Siemens Pumps</p>	<b>DX84210</b>		<p>Reduction</p>
<b>DX75074-005-R1</b>		<p>Ø 25 Coupling</p>	<b>DX74407</b>		<p>Piezo Denso Cable (4 PCS.)</p>






## VDO – CONTINENTAL / SIEMENS PUMPS



COD.	ITEM	DESCRIPTION	COD.	ITEM	DESCRIPTION
DX73232		DRV Siemens transfer pressure connection adaptor	DX73298		V6 / DT17 pump mounting flange
DX75202 DX73226		<b>DX75202</b> VCV Transfer pressure connection adaptor DV6  <b>DX73226</b> VCV Transfer pressure connection adaptor	DX75074-013 DX75073		<b>DX75074-013</b> Pumps Coupling Ø23  <b>DX75073</b> VDO K9K-GEN6 pump mounting flange
DX75074-003		Oldham coupling mm 9 – mm 8	DX75074-011 DX75074-008		<b>DX75074-011</b> Ford – Land Rover Coupling Ø 22  <b>DX75074-008</b> Ø 20 Coupling
DX73233		VCV Transfer pressure connection adaptor	DX74413		VACUUM sensor measuring set
DX73209-R1		Universal flange for Bosch, Delphi, Denso and Siemens Pumps	DX74414		Transfer pressure sensor measuring kit
DX73241 DX73292		<b>DX73241</b> Transfer pressure connection adaptor  <b>DX73292</b> Siemens VDO 5WS40296 pump mounting flange	DX74412 (X2)		SICMA Connection cable
DX73297		K9K Renault pump mounting flange	DX827062/2CR (x2)		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 12-12
DX75077		Oldham Kit 8-9-10 mm	DX80992		Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-14 90°

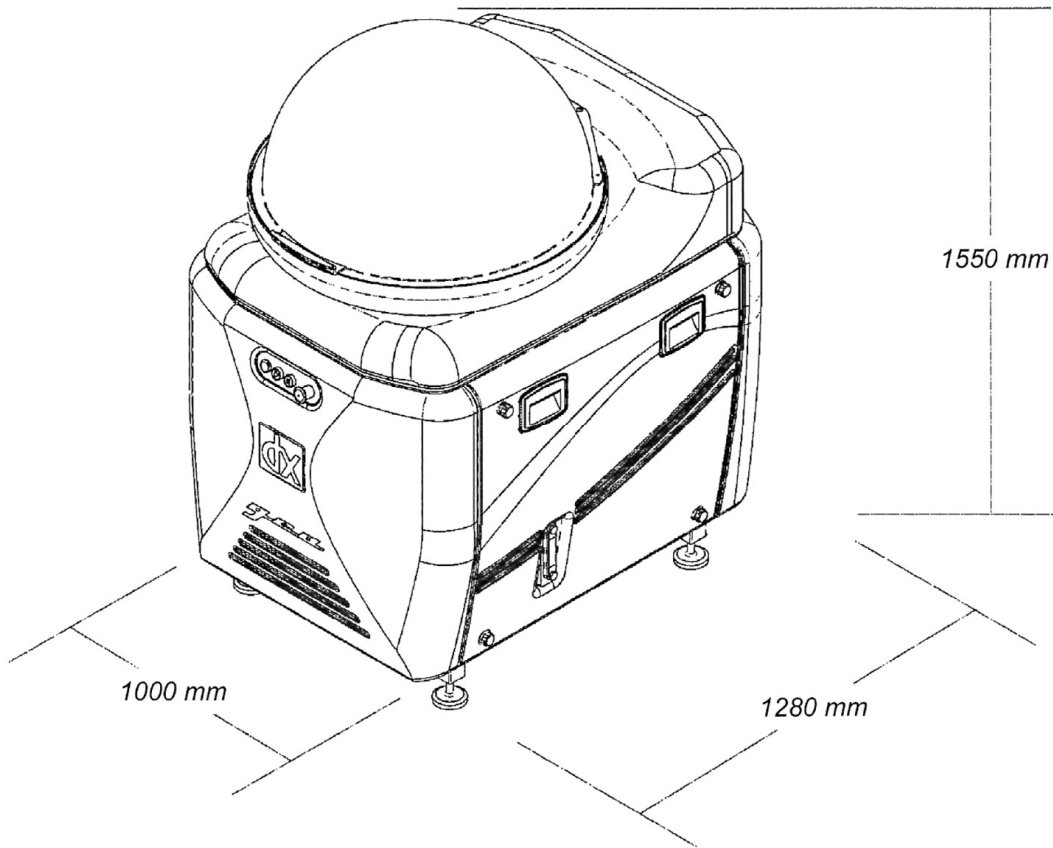
## VDO DHP 1.1 PUMPS



<b>COD.</b>	<b>ITEM</b>	<b>DESCRIPTION</b>	<b>COD.</b>	<b>ITEM</b>	<b>DESCRIPTION</b>
<b>DX75074-016</b>		<i>Coupling</i>	<b>DX84210</b>		<i>Reduction</i>
<b>DX75078</b>		<i>Flange</i>	<b>DX74411</b>		<i>KOSTAL Connection cable</i>
			<b>DX80992</b>		<i>Semiflexible high pressure pipe connecting Rail to Pump: cm 70 14-14 90°</i>



## DIMENSIONS



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