

HB TRAINER ELEKTRONIKA



HB-A001-TE
TRAINER ELEKTRONIKA DASAR
(ELEKTRONIKA I)



HB-A0010-TE
TRAINER THYRISTOR



HB-A0011-TE
DIODE TRAINER



HB-A001M-TE
TRAINER ELEKTRONIKA DASAR
(ELEKTRONIKA I) MODUL



HB-A002-TE
TRAINER ELEKTRONIKA PRAKTIS
/ELEKTRONIKA II
/ELECTRONIC CIRCUIT



HB-A003-TE
TRAINER ELEKTRONIKA TERAPAN
(APLIKASI ELEKTRONIKA)



HB-A004-TE
TRAINER OPERATIONAL AMPLIFIER
(OP-AMP)



HB-A005-TE
TRANSISTOR CIRCUIT TRAINER



HB-A006-TE
OPTO CIRCUIT TRAINER



HB-B001-TE
TRAINER DIGITAL DASAR
(DIGITAL I)



HB-B001M-TE
TRAINER DIGITAL DASAR
(DIGITAL I) MODUL



HB-B001S-TE
TRAINER DIGITAL DASAR
(DIGITAL I) STAND



HB-B002-TE
TRAINER DIGITAL TERAPAN
(DIGITAL I)



HB-B003-TE
TRAINER MODUL DIGITAL DASAR



HB-B003DC-KE
KIT JAM DIGITAL DENGAN IC TTL



HB-C001-TE
TRAINER KOMUNIKASI ANALOG DASAR
(KOMUNIKASI ANALOG I)



HB-C002-TE
TRAINER KOMUNIKASI DIGITAL DASAR
(KOMUNIKASI DIGITAL I)



HB-C003-TE
TRAINER PULSE CODE MODULATION
(PCM)



HB-C004-KE
KONVERSI ANALOG KE DIGITAL 0808
(ADC)



HB-C005-KE
KONVERSI DIGITAL KE ANALOG
0808



HB-C006-KE
INTERFACING PPI 8255



HB-D001-TE
TRAINER FM SYSTEM
(PEMANCAR DAN PENERIMA RADIO FM)



HB-D001B-TE
TRAINER FM SYSTEM
(PEMANCAR DAN PENERIMA RADIO FM)



HB-D002-TE
TRAINER AM SYSTEM
(PEMANCAR DAN PENERIMA RADIO AM)



HB-D003M-TE
TRAINER RADIO FM MONO
(MONO FM RADIO RECEIVER)



HB-D003S-TE
TRAINER RADIO FM STEREO
(STEREO FM RADIO RECEIVER)



HB-D004-TE
TRAINER RADIO AM
(AM RADIO RECEIVER)



HB-D005-TE
TRAINER PEMANCAR RADIO FM



HB-D006-TE
TRAINER PEMANCAR AM



HB-D007-TE
TRAINER KOMUNIKASI
SOUND WIRELESS



HB-E001-TE
TRAINER AUDIO STEREO
(STEREO AMPLIFIER)



HB-E001S-TE
TRAINER AUDIO STEREO
(STEREO AMPLIFIER) STAND



HB-E001SSA-TE
TRAINER SISTEM AUDIO



HB-E002-TE
TRAINER AUDIO MONO
(MONO AMPLIFIER)



HB-E002S-TE
TRAINER AUDIO MONO
(MONO AMPLIFIER) STAND

HB TRAINER ELEKTRONIKA



HB-E003-TE
TRAINER AMPLIFIER



HB-E004HT-TE
TRAINER HOME THEATER



HB-F001-KE
SAKLAR CERDAS CERMAT



HB-G001-TE
TRAINER ANTENA 2M BAND



HB-G001P-TE
TRAINER ANTENA PARABOLA



HB-G002-TE
TRAINER HANDY TALKY VHF
(HT VHF 2M BAND)



HB-G003-TE
TRAINER HANDY TALKY UHF
(HT UHF 2M BAND)



HB-G004-TE
TRAINER RADIO CB
(TRANSEIVER 11M BAND)



HB-G005M-TE
TRAINER HAND PHONE



HB-G005P-TE
TRAINER HAND PHONE



HB-G006-TE
TRAINER FIBER OPTIK



HB-H001-TE
TRAINER PEMBAGI MULTI DATA
(DATA MULTI ACCES)



HB-H002-TE
TRAINER TV TRANSEIVER UHF



HB-H00314-TE
TRAINER TELEVISI WARNA 14 Inch



HB-H00321-TE
TRAINER TV WARNA
(COLOR TV) 21 inch



HB-H00321P-TE
TRAINER TV WARNA
(COLOR TV) 21 inch



HB-H00412-TE
TRAINER TELEVISI HITAM-PUTIH
12 Inch



HB-H00516-TE
TRAINER CRT MONITOR
16 Inch



HB-H00615-TE
TRAINER LCD MONITOR
15 Inch



HB-H00617-TE
TRAINER LCD MONITOR
17 Inch



HB-H00715-TE
TRAINER LCD TELEVISI
15 Inch



HB-H00721-TE
TRAINER LCD TELEVISI
21 Inch



HB-H00722-TE
TRAINER LCD TV
22 INCHI



HB-H00722P-TE
TRAINER LCD TELEVISI
22 Inch



HB-H008-TE
TRAINER TELEVISI BERWARNA (SAYAP)
14 Inch



HB-H009-TE
TRAINER TELEVISI BERWARNA
(SLIDING) 14 Inch



HB-H01016-TE
TRAINER LED TV
16 INCHI



HB-H01022-TE
TRAINER LED TV
22 INCHI



HB-H01022S-TE
TRAINER TELEVISI LED STAND



HB-H010CCTV-TE
TRAINER CCTV
(CLOSED CIRCUIT TELEVISION)



HB-I001-TE
POWER SUPPLY MEJA EKSPERIMEN



HB-I0023-TE
TRAINER POWER SUPPLY LINEAR
3 AMP



HB-I0025-TE
TRAINER POWER SUPPLY LINEAR
5 AMP



HB-I002IADC-TE
TRAINER LAMPU DC TO AC
DAN AC TO DC



HB-I002IDAC-TE
TRAINER INVERTER DC TO AC

HB TRAINER ELEKTRONIKA



HB-I003-TE
BREADBOARD EKSPERIMEN



HB-I004-TE
SENSOR DAN TRANSDUSER



HB-I005FP-TE
TRAINER FINGER PRINT

HB TRAINER MEKATRONIKA



HB-I001P-TM
POWER SUPPLY MEJA EKSPERIMEN
PNEUMATIC



HB-L001-TM
TRAINER CD PLAYER



HB-L002-TM
TRAINER DVD PLAYER



HB-L003-TM
TRAINER PLAYSTATION



HB-L004-TM
TRAINER TAPE RECORDER



HB-L005-TM
TRAINER VCD PLAYER



HB-L006-TM
TRAINER VCR PLAYER



HB-M004K-TM
TRAINER MIKROKONTROLLER
AT89S51



HB-M004P-TM
TRAINER MIKROKONTROLLER
AT89S51



HB-M005P-TM
TRAINER MIKROKONTROLLER
AVR 8535



HB-M006-KM
APLIKASI ANTRIAN
(MIKROKONTROLLER)



HB-M007-KM
APLIKASI LALU LINTAS MODERN
(MIKROKONTROLLER)



HB-M010-KM
APLIKASI SUARA
(MIKROKONTROLLER)



HB-N001B-TM
TRAINER KONTROL MOTOR ELEKTRIK
3 FASE (MOTOR CONTROL)



HB-N001S-TM
TRAINER KONTROL MOTOR ELEKTRIK
3 FASE (MOTOR CONTROL)



HB-N001SI13PH-TM
TRAINER KONTROL MOTOR ELEKTRIK 3 FASE
INVERTER (INVERTER MOTOR CONTROL)
3 FASE HIGH PERFORMANCE
INPUT 1 FASE



HB-N001SI13PL-TM
TRAINER KONTROL MOTOR ELEKTRIK 3 FASE
INVERTER (INVERTER MOTOR CONTROL)
1 FASE LOW PERFORMANCE



HB-N001SI33PH-TM
TRAINER KONTROL MOTOR ELEKTRIK
3 FASE INVERTER
(INVERTER MOTOR CONTROL)
3 FASE HIGH PERFORMANCE



HB-N001SI33PL-TM
TRAINER KONTROL MOTOR ELEKTRIK
3 FASE INVERTER
(INVERTER MOTOR CONTROL)
3 FASE LOW PERFORMANCE



HB-N001SPLC-TM
TRAINER KONTROL MOTOR ELEKTRIK 3 FASE
(MOTOR CONTROL PLC SMART ZELIO)



HB-N001SPLCH-TM
TRAINER KONTROL MOTOR ELEKTRIK
3 FASE (MOTOR CONTROL PLC)
WITH HMI



HB-N002-TM
TRAINER PENCARI KESALAHAN
INSTALASI MOTOR 3 FASE
(ELECTRICAL INSTALLATION FAULT
AND CONTROL MOTOR)



HB-N003-TM
TRAINER SERVO MOTOR



HB-O001PE-TM
TRAINER PNEUMATIK DASAR
(BASIC PNEUMATICS) Discountinue



HB-O001SE-TM
TRAINER PNEUMATIK DASAR
(BASIC PNEUMATICS)

HB TRAINER MEKATRONIKA



HB-0001SS-TM
TRAINER PNEUMATIK DASAR
(BASIC PNEUMATICS)



HB-0002M-TM
TRAINER ELEKTRO PNEUMATIK
(ELECTRO PNEUMATICS)
Discontinue



HB-0002SE-TM
TRAINER ELEKTRO PNEUMATIK
(ELECTRO PNEUMATICS)



HB-0002SS-TM
TRAINER ELEKTRO PNEUMATIK
(ELECTRO PNEUMATICS)



HB-P001M-TM
TRAINER PLC OMRON CPM 1A
(Discontinue)



HB-P001P-TM
TRAINER PLC OMRON CPM 1A
(Discontinue)



HB-P002L-TM
TRAINER PLC dan MODEL LIFT
(Discontinue)



HB-P002P-TM
TRAINER PLC OMRON CP 1E (20 I/O)



HB-P002S-TM
TRAINER PLC OMRON CP 1E (20 I/O)



HB-P004M-TM
TRAINER PLC OMRON CPM 2A
(Discontinue)



HB-P004P-TM
TRAINER PLC OMRON CPM 2A



HB-P005M-TM
TRAINER PLC SIEMENS S7-200
(Discontinue)



HB-P005P-TM
TRAINER PLC SIEMENS S7-200
(Indent)



HB-P006P-TM
TRAINER PLC SIEMENS S7-300



HB-P006S-TM
TRAINER PLC SIEMENS S7-300



HB-P006SM-TM
TRAINER PLC SIEMENS S7-300
WITH EXPERIMENT ON BOARD



HB-P007P-TM
TRAINER PLC SIEMENS S7-1200



HB-P007S-TM
TRAINER PLC SIEMENS S7-1200



HB-P008M-TM
TRAINER PLC SMART RELAY ZELIO
(Discontinue)



HB-P008P-TM
TRAINER PLC SMART RELAY ZELIO



HB-P009P-TM
TRAINER PLC ALLEN BRADLEY



HB-P011P-TM
TRAINER PLC OMRON CJ2M CPU11



HB-R001-KM
MODEL GARASI BERBASIS PLC



HB-R002C-KM
MODEL CONVEYOR BERBASIS PLC



HB-R002L3-KM
MODEL LIFT 3 LANTAI BERBASIS PLC



HB-R002L4-KM
MODEL LIFT 4 LANTAI BERBASIS PLC



HB-R002L4M-KM
MODEL LIFT 4 LANTAI BERBASIS PLC
+ MEJA KHUSUS



HB-R002L4T-KM
MODEL LIFT 4 LANTAI BERBASIS PLC
TRANSPARAN



HB-R003-KM
MODEL PARKIR AREA BERBASIS PLC



HB-R004-KM
MODEL TANDON AIR BERBASIS PLC



HB-R004M-KM
MODEL TANDON AIR BERBASIS PLC
(Discontinue)



HB-R005-KM
MODEL TRAFFIC LIGHT BERBASIS PLC



HB-R006P-KM
APLIKASI CERDAS CERMAT
BERBASIS PLC



HB-R007P-KM
APLIKASI ALARM
BERBASIS PLC



HB-R008-KM
MODEL FLOW CONTROL
BERBASIS PLC

HB TRAINER MEKATRONIKA



HB-R008V2-KM
MODEL FLOW CONTROL BERBASIS PLC
(Non PLC)



HB-R009PEXC-KM
MODEL PNEUMATIK
APLIKASI EXCAVATOR



HB-R010PBLD-KM
MODEL PNEUMATIK
APLIKASI BULLDOZER



HB-R018D5-KM
ARM ROBOTIC GRIPPER WITH
5-DOF TRAINER



HB-R037L6-KM
SIX-LEGGED ROBOT TRAINER



HB-R038BW-KM
MOBILE ROBOT CHASSIS
BIG WHEEL TRAINER

HB TRAINER LISTRIK



HB-J0012MDS-TL
TRAINER LISTRIK DASAR 1 DAN 3 FASE
(BASIC ELECTRIC 1 AND 3 PHASE)
KWH Manual, KWH Digital



HB-J001B-TL
TRAINER LISTRIK DASAR 1 FASE
(BASIC ELECTRIC 1 PHASE)



HB-J001M-TL
TRAINER LISTRIK DASAR 1 FASE
(BASIC ELECTRIC 1 PHASE)
(Discontinue)



HB-J001MDB-TL
TRAINER LISTRIK DASAR 1 FASE
(BASIC ELECTRIC 1 PHASE)
KWH Manual, KWH Digital



HB-J001S-TL
TRAINER LISTRIK DASAR 1 FASE
(BASIC ELECTRIC 1 PHASE)



HB-J001SP-TL
TRAINER INSTALASI PENERANGAN



HB-J002B-TL
TRAINER LISTRIK DASAR 3 FASE
(BASIC ELECTRIC 3 PHASE)



HB-J002MDS-TL
TRAINER LISTRIK DASAR 3 FASE
(BASIC ELECTRIC 3 PHASE)
KWH Manual, KWH Digital, Motor 3P dan 1P



HB-J002S-TL
TRAINER LISTRIK DASAR 3 FASE
(BASIC ELECTRIC 3 PHASE)



HB-J003-TL
TRAINER PENCARI KESALAHAN
INSTALASI LISTRIK 1 DAN 3 FASE



HB-J004-TL
BASIC ELECTRICITY TRAINER



HB-J005L-TL
SENSOR LEVEL AIR



HB-J005OFO-TL
SENSOR OPTIK DAN FIBER OPTIK



HB-J005SIK-TL
SENSOR INDUKTIF DAN KAPASITIF



HB-J005T-TL
SENSOR TEMPERATUR



HB-K001B12-TL
POWER ELEKTRONIKA INDUSTRI BASIC
(12 MODUL)



HB-K001L-TL
POWER ELEKTRONIKA INDUSTRI LANJUT



HB-K001LI-TL
POWER ELEKTRONIKA INDUSTRI
LANJUTAN KOMPLIT INSTRUMEN



HB-K001S-TL
POWER ELEKTRONIKA INDUSTRI
STANDAR



HB-K00220-TL
TRAINER SOLAR CELL 20 WP

HB TRAINER LISTRIK



HB-K002ST-TL
TRAINER SOLAR TRACKING
(OPTIMALISASI CAHAYA MATAHARI)



HB-K003ACL-KL
GENERATOR AC LOW RPM MODEL



HB-K004-TL
PENGAMAN DAYA LISTRIK 1 DAN 3 FASE



HB-K004ACH-KL
GENERATOR AC HIGH RPM MODEL



HB-K004DCH-KL
GENERATOR DC HIGH RPM MODEL



HB-K004DCL-KL
GENERATOR DC LOW RPM MODEL



HB-K004ML13P-TL
TRAINER MOTOR LISTRIK
1 PHASE DAN 3 PHASE



HB-K004PC-TL
PENGAMAN DAYA LISTRIK
1 DAN 3 FASE POWDER COATING



HB-K004SL-ML
TRAINER SEPEDA LISTRIK



HB-K005PATSAMF-TL
PANEL ATSAMF DENGAN
KESALAHAN/FAULT SWITCH



HB-K005PKDD-TL
PANEL KOMPONEN LISTRIK DAYA
DAN DISTRIBUSI UNTUK
LATIHAN PENKABELAN



HB-K006T13P-TL
TRAINER TRANSFORMATOR
1 PHASE DAN 3 PHASE



HB-R011MG1P-TL
TRAINER MINI GENERATOR 1 PHASE



HB-R011MG3P-TL
TRAINER MINI GENERATOR 3 PHASE

HB TRAINER OTOMOTIF OTOTRONIK MOBIL



HB-S0015K-LO
CAR TRAINER KONVENSIONAL



HB-S0017K-LO
CAR TRAINER EFI 7K



HB-S001D4-LO
CAR TRAINER DIESEL



HB-S001VVTIA-CLO
CAR BODY TRAINER DOHC VVTI AVANZA



HB-S001VVTIA-LO
CAR TRAINER DOHC VVTI AVANZA



HB-S001VVTIA-LO
CAR TRAINER DOHC VVTI AVANZA



HB-S001VVTIVS-LO
CAR TRAINER DOHC VVTI VIOS



HB-T0014K-LO
GASOLINE ENGINE TRAINER STAND 4K



HB-T0014KTM-LO
GASOLINE ENGINE TRAINER STAND
4K + TRANSMISI MANUAL



HB-T0015A-LO
GASOLINE ENGINE STAND
5A FE (EFI)



HB-T0015K-LO
GASOLINE ENGINE TRAINER STAND



HB-T0015KL-LO
GASOLINE ENGINE TRAINER
STAND 5K MEJA LIPAT



HB-T0017K-LO
GASOLINE ENGINE TRAINER
STAND 7K



HB-T0017KFE-LO
GASOLINE ENGINE TRAINER
STAND 7K EFI



HB-T0017KFETM-LO
GASOLINE ENGINE TRAINER STAND
7K (EFI) + TRANSMISI MANUAL

HB TRAINER OTOMOTIF OTOTRONIK MOBIL



HB-V002GEMSFIALS-LO
CAR ENGINE GASOLINE MANAGEMENT SYSTEM
(EMS) EFI VVTi + ALIRAN BAHAN BAKA



HB-V002GEMSFIASM-LO
CAR ENGINE GASOLINE MANAGEMENT SYSTEM (EMS)
EFI VVTi + ALIRAN BAHAN BAKAR



HB-V002GEMSFIP-LO
AUTOMOTIVE SENSOR MEASURING
SYSTEM (Trainer Global)



HB-V002GEMSNFIA-LO
CAR ENGINE GASOLINE MANAGEMENT
SYSTEM (EMS) EFI VVTi
NON ALIRAN BAHAN BAKAR
AVANZA



HB-V002GEMSNFIB-LO
CAR ENGINE GASOLINE MANAGEMENT
SYSTEM (EMS) EFI VVTi
NON ALIRAN BAHAN BAKAR
BUSI AVANZA



HB-V003DEMSNFI-LO
CAR ENGINE DIESEL MANAGEMENT
SYSTEM (EMS) COMMONRAIL
NON ALIRAN BAHAN BAKAR
INNOVA



HB-V004DL-EO
TRAINER DASAR LISTRIK OTOMOTIF



HB-V005DE-EO
TRAINER DASAR ELEKTRONIKA OTOMOTIF



HB-V005ED-EO
TRAINER DASAR ELEKTRONIKA
DIGITAL OTOMOTIF



HB-V006M-EO
TRAINER DASAR SISTEM KONTROL
OTOMOTIF



HB-V007S-EO
TRAINER MODUL SENSOR



HB-V008A-EO
TRAINER MODUL AKTUATOR



HB-V009M-EO
TRAINER ELECTRIC MIRROR



HB-V010-EO
TRAINER CAR MULTIMEDIA
/ ENTERTAINMENT/SECURITY



HB-W001EFIA-LO
TRAINER ALIRAN BAHAN BAKAR BENSIN
SISTEM EFI AVANZA



HB-W001EFIP-LO
TRAINER ALIRAN BAHAN BAKAR BENSIN
SISTEM EFI APV



HB-W001EFIV-LO
TRAINER ALIRAN BAHAN BAKAR BENSIN
SISTEM EFI VIOS



HB-W001-EO
INJECTION PUMP DIESEL
MODEL IN LINE TYPE



HB-W001R-EO
INJECTION PUMP DIESEL
MODEL ROTARY TYPE



HB-W002-EO
TURBOCHARGER



HB-X001FA-EO
FRONT WHEEL DRIVE AUTOMATIC
TRANSMISSION MODEL



HB-X001FA-LO
FRONT WHEEL DRIVE AUTOMATIC
TRANSMISSION LIVE



HB-X001FM-EO
FRONT WHEEL DRIVE MANUAL
TRANSMISSION MODEL



HB-X001RM-EO
REAR WHEEL DRIVE MANUAL
TRANSMISSION LIVE



HB-X001RA-EO
REAR WHEEL DRIVE AUTOMATIC
TRANSMISSION MODEL



HB-X001RA-LO
REAR WHEEL DRIVE
AUTOMATIC TRANSMISSION LIVE



HB-X001RM-EO
REAR WHEEL DRIVE MANUAL
TRANSMISSION MODEL



HB-X001FM-LO
FRONT WHEEL DRIVE MANUAL
TRANSMISSION LIVE



HB-X002PT-LO
POWER TRAIN STAND



HB-X003DG-EO
DIFFERENTIAL GEAR MODEL



HB-X004IS-EO
INDEPENDENT SUSPENSION
STRUT TYPE



HB-X005MS-LO
STEERING MANUAL UMUM



HB-X005MS7K-LO
STEERING MANUAL TOYOTA 7K
(RACK END STANDART)



HB-X005PRP-EO
RACK PINION STEERING MODEL



HB-X005PSE-EO
POWER STEERING ELEKTRIK
(ELECTRIC POWER STEERING) MODEL

HB TRAINER OTOMOTIF OTOTRONIK MOBIL



HB-X005PSE-LO
POWER STEERING ELEKTRIK
(ELECTRIC POWER STEERING) EPS



HB-T001JFE-LO
GASOLINE ENGINE TRAINER
STAND SOHC I-TEC JAZZ



HB-T001S13-LO
GASOLINE ENGINE TRAINER
STAND SUZUKI CARRY 1.3



HB-T001VVTIA-LO
GASOLINE ENGINE TRAINER
STAND EFI VVTI AVANZA



HB-T001VVTIAB-LO
GASOLINE ENGINE TRAINER
STAND EFI VVTI AVANZA BIRU



HB-T001VVTIAP-LO
GASOLINE ENGINE TRAINER
STAND EFI VVTI AVANZA PAPAN



HB-T001VVTIGM-LO
GASOLINE ENGINE TRAINER
STAND EFI VVTI GRAND MAX



HB-T001VVTIS-LO
GASOLINE ENGINE TRAINER
STAND EFI VVTI SIRION



HB-T001VVTIVBBG-LO
GASOLINE ENGINE TRAINER
STAND EFI VVTI WOS DENGAN
BBG OTOMATIS (BBG+BBM)



HB-T002DIC-LO
DIESEL ENGINE TRAINER
STAND CHEVROLET IN LINE



HB-T002DRI25-LO
DIESEL ENGINE TRAINER
STAND L300



HB-T002DRI25TM-LO
DIESEL ENGINE TRAINER
STAND L300 2500cc Rotary
+ TRANSMISI MANUAL



HB-T002DRNC25-LO
DIESEL ENGINE TRAINER
STAND NISSAN CEDRIC



HB-T002DRP23-LO
DIESEL ENGINE TRAINER
STAND ISUZU PANTHER
2300cc ROTARY



HB-T002DTCH3-LO
DIESEL ENGINE TRAINER
STAND HILUX/INNOVA1KD-FTV
TURBO INTERCOOLER



HB-T002DTCH3P-LO
DIESEL ENGINE TRAINER
STAND HILUX/INNOVA 1KD-FTV
TURBO INTERCOOLER Papan



HB-T002DTCH3TF-LO
DIESEL ENGINE TRAINER STAND
HILUX 1KD TEST POINT
FAULT SWITCH



HB-T002DTCI-LO
DIESEL ENGINE TRAINER STAND
INNOVA 2KD-FTV



HB-T002DTCITF-LO
DIESEL ENGINE TRAINER STAND
INNOVA 2KD TEST POINT FAULT SWITCH



HB-T002DTCITF-LO
DIESEL ENGINE TRAINER STAND
INNOVA 2KD TEST POINT FAULT SWITCH



HB-T002DTHKB-LO
DIESEL ENGINE TRAINER STAND
HILUX 2LT BESI KOTAK BIRU



HB-T002DTHTM-LO
DIESEL ENGINE TRAINER STAND
HILUX 2LT TRANSMISI MANUAL



HB-T002DTHTMKB-LO
DIESEL ENGINE TRAINER STAND
HILUX 2LT TRANSMISI MANUAL
BESI KOTAK BIRU



HB-T002DTHTMP-LO
DIESEL ENGINE TRAINER STAND
HILUX 2LT + MANUAL
TRANSMISI PAPAN



HB-T002DTHMV2-LO
DIESEL ENGINE TRAINER STAND
HILUX 2LT MANUAL TRANSMISI



HB-T003CEF-CO
CAR ENGINE STAND MODEL
4 CYLINDER 7K (EFI)



HB-T003D-CO
DIESEL ENGINE STAND
MODEL 4 CYLINDER



HB-T003G-CO
GASOLINE ENGINE STAND
MODEL 4 CYLINDER



HB-T003G-LO
GASOLINE ENGINE STAND
MODEL 4 CYLINDER



HB-T003GEF-CO
GASOLINE EFI ENGINE STAND
MODEL 4 CYLINDER



HB-T003GTM-CO
GASOLINE ENGINE STAND MODEL
4 CYLINDER TRANSMISI



HB-V001C-LO
COMPUTER IGNITION SYSTEM



HB-V001D-LO
DISTRIBUTORLESS IGNITION SYSTEM



HB-V001H-LO
ELECTRONIC IGNITION SYSTEM
TCI HALL



HB-V001I-LO
ELECTRONIC IGNITION SYSTEM
TCI INDUCTIVE

HB TRAINER OTOMOTIF OTOTRONIK MOBIL



HB-V001M-LO
CONVENTIONAL IGNITION
SYSTEM TRAINER STAND



HB-V001S-LO
ELECTRONIC IGNITION SYSTEM
STOPPER SWITCH



HB-X005PSEASB-LO
POWER STEERING ELEKTRIK
(ELECTRIC POWER STEERING)
EPS AVANZA SPARE PART BARU



HB-X005PSH-LO
POWER STEERING HIDROLIK
+ MOTOR INDUKSI UMUM



HB-X005PSH5K-LO
POWER STEERING HIDROLIK
+ MOTOR INDUKSI (TOYOTA 5K)



HB-X006AB-CO
TRAINER AIR BRAKE
(REM ANGIN DAN GAS BUANG)



HB-X006AB-LO
TRAINER AIR OVER HIDRAULIC BRAKE
(REM ANGIN DAN HIDROLIK)



HB-X006DB-CO
DISC BREAK SYSTEM



HB-X007CS-CO
CLUTCH SYSTEM



HB-X008AB-LO
AIR BAG SYSTEM SEMI SIMULATOR



HB-X008ABS-LO
ANTI-LOCK BRAKING SYSTEM (ABS)



HB-X008ABSC-LO
ABS SIMULATOR WITH FAULT DIAGNOSIS
WITH 4 AXIS (Trainer Global)



HB-X008ABSEBD-LO
ANTI-LOCK BRAKING SYSTEM (ABS),
EBD SYSTEM & DRIVE CONTROL



HB-X008ABSS-LO
ANTI-LOCK BRAKING SYSTEM
(ABS) SEMI SIMULATOR



HB-Y001SC-LO
CAR STARTER



HB-Y002CC-LO
CAR
LIVE CHARGING SYSTEM



HB-Y002CS-LO
CHARGING SYSTEM MODEL



HB-Y003CL1-LO
STANDARD BODY ELECTRICAL
CAR TRAINER STAND



HB-Y003CL2-LO
STANDARD BODY ELECTRICAL
CAR TRAINER STAND



HB-Y003CR-LO
STANDARD BODY ELECTRICAL
STAND CAR STAND RANGKA



HB-Z001CL-LO
CENTRAL LOCK, ALARM
AND POWER WINDOW TRAINER



HB-Z001CLS-LO
CENTRAL LOCK, ALARM
AND POWER WINDOW



HB-Z002AC-LO
VEHICLE AIR CONDITIONER
TRAINER STAND



HB-Z002AC4K-LO
VEHICLE AIR CONDITIONER STAND
WITH GASOLINE ENGINE TOYOTA 4K



HB-Z002AC7K-LO
VEHICLE AIR CONDITIONER STAND
WITH GASOLINE ENGINE TOYOTA 7K



HB-Z003A-LO
VEHICLE AUDIO SYSTEM



HB-Z003WW-LO
WIPER AND WASHER TRAINER

HB TRAINER OTOMOTIF OTOTRONIK SEPEDA MOTOR



HB-U0052TYA-LO
MOTORCYCLE LIFE TWO STROKES
TRAINER YAMAHA ALFA STAND



HB-U0052TYF-LO
MOTORCYCLE LIFE TWO STROKES
TRAINER YAMAHA FORCE 1 STAND



HB-U0054T115-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND SUPRA X



HB-U0054T125-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND KHARISMA 125cc



HB-U0054T135-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND JUPITER



HB-U0054T200-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TIGER



HB-U005EF125-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND SISTEM EFI
SUPRA X 125cc



HB-U005EF125U-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND SISTEM EFI
SUPRA X 125cc STAND UTUH



HB-U005EF150-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND SISTEM EFI MEGAPRO



HB-U005EFV150-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND SISTEM EFI VIXION



HB-U005TA110-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC BEAT



HB-U005TA115-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC MIO



HB-U005TA125-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC SPIN



HB-U005TAEF115-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC SISTEM EFI MIO J



HB-U005TAEF1150-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC SISTEM EFI MIO J STAND ASLI



HB-U005TAEF115U-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC SISTEM EFI MIO J STAND UTUH



HB-U005TAEF125-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC SISTEM EFI XEON



HB-U005TAEFGT125-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC SISTEM EFI MIO GT



HB-U005TAEFN125-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC SISTEM EFI NEXT



HB-U005TAEFV125-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC SISTEM EFI RADIATOR VARIO



HB-U005TAEFVP125-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC SISTEM EFI VESPA



HB-U005TAEFVP125-LO
MOTORCYCLE LIFE FOUR STROKES
TRAINER STAND TRANSMISI
AUTOMATIC SISTEM EFI VESPA



HB-U0062T-CO
MOTORCYCLE TWO
STROKES ENGINE YAMAHA MODEL



HB-U0064TH100-CO
MOTORCYCLE FOUR STROKES
ENGINE HONDA MODEL



HB-U0064TH125-CO
MOTORCYCLE FOUR STROKES
ENGINE HONDA GL MODEL



HB-U0064TTA-CO
MOTORCYCLE FOUR STROKES
ENGINE TRANSMISI AUTOMATIC MODEL



HB-U0064TTA-LO
MOTORCYCLE FOUR STROKES ENGINE
TRANSMISI AUTOMATIC LIVE
(WITH MOTOR INDUKSI)



HB-U006BS-LO
MOTORCYCLE STEERING,
BRAKES AND SUSPENSION TRAINER



HB-V003E-LO
MOTORCYCLE ENGINE MANAGEMENT
SYSTEM (EMS) SUPRA X 125



HB-V003ESB-LO
MOTORCYCLE ENGINE MANAGEMENT
SYSTEM (EMS) BEAT



HB-Y001SM-LO
MOTORCYCLE STARTER



HB-Y003ML-LO
STANDARD BODY ELECTRICAL
STAND MOTORCYCLE LACI



HB-Y003MR-LO
STANDARD BODY ELECTRICAL
STAND MOTORCYCLE



HB-Y004ME-LO
ELECTRONIC IGNITION
SYSTEM MOTORCYCLE



HB-Y005ME-LO
ELECTRONIC IGNITION SYSTEM
MOTORCYCLE 4 MODEL
(2 CDI DC, 2 CDI AC)



HB-Y005MK-LO
CONVENTIONAL IGNITION
SYSTEM MOTORCYCLE

HB TRAINER PENDINGIN



HB-L009-TP
TRAINER SISTEM AC RUANG
(SENTRAL/CASSETTE)



HB-L0093PK-TP
TRAINER SISTEM AC RUANG
(SENTRAL/CASSETTE)
3 PK 3 PHASE



HB-L010-TP
TRAINER SISTEM AC RUANG
(SPLIT)



HB-L010R-TP
TRAINER SISTEM AC RUANG
(SPLIT) WITH ROOM



HB-L010V2-TP
TRAINER SISTEM AC RUANG
(SPLIT) VARIAN 2



HB-L011-TP
TRAINER SISTEM KONTROL
REFRIGERANT DAN AC



HB-L012-TP
TRAINER SISTEM AC PORTABLE/AC
FLOOR STANDING 3 PHASE



HB-L012P1-TP
TRAINER SISTEM AC PORTABLE 1



HB-L012P2-TP
TRAINER SISTEM AC PORTABLE 2



HB-L012P3-TP
TRAINER SISTEM AC PORTABLE 3



HB-L013-TP
TRAINER SISTEM LEMARI PENDINGIN
(REFRIGERANT)



HB-L013MD-TP
TRAINER SISTEM LEMARI PENDINGIN
(REFRIGERANT) VARIAN 2



HB-L014-TP
TRAINER SISTEM KERJA DAN
TROUBLESHOOTING KOMPRESOR



HB-L017-TP
TRAINER SISTEM RUANG PENDINGIN
(COLD STORAGE REFRIGERANT)

HB TRAINER ENERGI TERBARUKAN



HB-K00220-TET
TRAINER SOLAR CELL 20WP



HB-K00220S-TET
ALAT PERAGA ENERGI SURYA



HB-K00220SP-TET
PANEL KONTROL SOLAR CELL
3000 WATT FULL OTOMATIS



HB-K00250-TET
TRAINER SOLAR CELL 50 WP



HB-K00280-TET
TRAINER SOLAR CELL 80 WP

HB TRAINER ENERGI TERBARUKAN



HB-K002ST-TET
TRAINER SOLAR TRACKING
(OPTIMALISASI CAHAYA MATAHARI)



HB-K003-TET
TRAINER PEMBANGKIT LISTRIK
TENAGA ANGIN



HB-K003A-TET
ALAT PERAGA ENERGI ANGIN



HB-R009-TET
MODEL MIKROHIDRO
BERBASIS PLC & Simulator



HB-R009A-KM
ALAT PERAGA ENERGI AIR



HB-R010-KM
MODEL MINI BIOGAS



HB-R010BF-TET
ALAT PERAGA ENERGI BIO/BIOFUEL



HB-R010FC-TET
ALAT PERAGA ENERGI SEL
BAHAN BAKAR (FUEL CELL)

HB TRAINER PERKAPALAN



HB-R010HC-J-OK
TRAINER HIDROLIK DAN MOTOR INDUKSI
APLIKASI CRANE PENARIK JARING IKAN



HB-R0121-SK
SHIP STABILITY SIMULATOR
Jenis Kapal : 6300 DWT
Crude Oil Tanker Ship # 1



HB-R015-SK
SHIP STABILITY SIMULATOR
Teori dasar



HB-R015SSSE-SK
SHIP STABILITY SIMULATOR
Teori dasar Ekonomis



HB-R015Y15-OK
TRAINER MESIN BENSIN TEMPEL
2 TAK 15 HP (BOAT YAMAHA)



HB-R015Y2-OK
TRAINER MESIN BENSIN TEMPEL
2 TAK 2 HP (BOAT YAMAHA)



HB-R015Y5-OK
TRAINER MESIN BENSIN TEMPEL
2 TAK 5 HP (BOAT YAMAHA)



HB-R015Y65P-OK
GASOLINE ENGINE TRAINER STAND
4 TAK 1 CYLINDER 6.5 HP
YAMAHA WITH PROPELER



HB-T002D1C-OK
DIESEL ENGINE TRAINER STAND
1 CYLINDER YANMAR
/KUBOTA WITH PROPELER



HB-T002D4D30-OK
DIESEL ENGINE TRAINER STAND
MITSUBISHI 4D30



HB-T002D4D31-OK
DIESEL ENGINE TRAINER STAND
MITSUBISHI 4D31



B-T002D6DS7-OK
DIESEL ENGINE TRAINER STAND
MITSUBISHI 6DS7



HB-T002D8DC9-OK
DIESEL ENGINE TRAINER STAND
MITSUBISHI 8DC9

HB TRAINER PESAWAT UDARA



HB-T001TJPW-TPU
AIRCRAFT ENGINE PRATT WHITNEY
P16 TRAINER STAND



HB-T002PAE-TPU
AIRCRAFT ENGINE AEROVEE
TURBO TRAINER STAND



HB-T002PJB-TPU
AIRCRAFT ENGINE JABIRU
TRAINER STAND



HB-T002PLY-TPU
AIRCRAFT ENGINE LYCOMING
TRAINER STAND

HB TRAINER ALAT BERAT



HB-O003-HAB
TRAINER HIDROLIK DASAR



HB-O003V2-HAB
TRAINER HIDROLIK DASAR VARIAN 2



HB-O004-HAB
TRAINER ELEKTRO-HIDROLIK
(ELECTROHYDRAULICS)



HB-O004-HAB
TRAINER ELEKTRO-HIDROLIK
(ELECTROHYDRAULICS)



HB-R010HBLD-HAB
MODEL HIDROLIK APLIKASI
BULLDOZER



HB-T002DHY39-OAB
DIESEL ENGINE TRAINER
STAND HINO DUMP TRUCK



HB-T002DMTT39-OAB
DIESEL ENGINE TRAINER STAND
MITSUBISHI DUMP TRUCK



HB-T002DTYM39-OAB
DIESEL ENGINE TRAINER STAND
TOYOTA DUMP TRUCK

HB TRAINER KERETA API



HB-T002D4-CKA
LOCOMOTIVE DIESEL ENGINE
TRAINER STAND 110HP MODEL



HB-T002D4-LKA
LOCOMOTIVE DIESEL ENGINE
TRAINER STAND 110HP



HB-T002D4TE-TKA LOCOMOTIVE
DIESEL ENGINE TRAINER STAND 4
CYLINDER TRASMISIAN ELECTRIC



HB-T002D6TE-TKA LOCOMOTIVE
DIESEL ENGINE TRAINER STAND 6
CYLINDER TRASMISIAN ELECTRIC



HB-X001TE-TKA
LOCOMOTIVE TRACTION
ELECTRIC TRAINER



HB-X006DBKA-LKA
TRAINER SIMULATOR
PENEREMAN KERETA API

HB LABORATORIUM BAHASA



HB-LABBDC-LL
LABORATORIUM BAHASA
DOUBLE COUNSOLE



HB-LABBHD-LL
LABORATORIUM BAHASA DIGITAL
(Basic Mikrocontroller)



HB-LABBHM-LL
LABORATORIUM BAHASA MULTIMEDIA
(Full Computer)



HB-LABBHSD-LL
LABORATORIUM BAHASA SEMI DIGITAL
(Basic Mikrocontroller)



HB-LABBMR-LL
PERBAIKAN LABORATORIUM BAHASA



HB-LABBUP-LL
PENINGKATAN / UPGRADE
LABORATORIUM BAHASA

HB ALAT USAHA KECIL MENENGAH



HB-T002DMTT39-OAB
DIESEL ENGINE TRAINER STAND
MITSUBISHI DUMP TRUCK



HB-052-MC
ALAT PENEKUK PIPA



HB-055-MC
MESIN PEMECAH BATU/CRUSHER



HB-060-MC
PRESTO



HB-063-MC
PENGADUK DODOL



HB-092-MC
MESIN PENIRIS GORENGAN/
SPINNER



HB-094-MC
VACUUM FRYING

HB TRAINER TEKNIK KOMPUTER DAN JARINGAN



HB-G007MR-TK
TRAINER MODEM RADIO



HB-G010SHFO-TK
TRAINER SWITCH HUB FIBER OPTIC



HB-L008LM-TK
TRAINER PRINTER



HB-M001-TK
TRAINER KOMPUTER



HB-M003K-TK
TRAINER MIKROPROSESOR ZILOG 80



HB-M003P-TK
TRAINER MIKROPROSESOR ZILOG 80

HB NON TRAINER



HB-AKL-AB
INSTRUMEN KELAUTAN



HB-O004-HAB
TRAINER ELEKTRO-HIDROLIK
(ELECTROHYDRAULICS)



HB-GEN-AB
GENERATOR 1 DAN 3 FASE



HB-JMP-AB
JAMPER BANANA



HB-K001-KM
TRAINER MESIN BUBUT CNC



HB-KKM-AB
KIT ROBOT



HB-KL-AB
MOTOR INDUKSI



HB-KLP-AB
PANEL LISTRIK



HB-LDSMC-AB
LED DISPLAY VIA SMS



Scanner-1
SCANNER LAUNCH X431 DIAGUN



Scanner-2
SCANNER LAUNCH X431 DIAGUN 3



Scanner-3
SCANNER LAUNCH X431 DIAGUN IV



Scanner-4
SCANNER AUTOBOSS V30 PRO



Scanner-5
SCANNER AUTOBOSS V30 ELITE



Scanner-6
SCANNER OBD MATE 500



Scanner-7
SCANNER MOTOR HONDA



Scanner-8
SCANNER MOTOR YAMAHA



Tools-1
INJEKTOR TESTER DAN CLEANER 6CL



Tools-2
GAS ANALYSER QROTECH 401



Tools-4
KERJA BENGKEL UMUM



Tools-5
KERJA ELEKTRONIKA



Tools-6
KERJA OTOMOTIF