

CKD

INSTRUCTION MANUAL

ABSODEX DIALOGUE TERMINAL

AX0170H

GS, S, GH, H-Type Driver Common

- Before operating the product, read this instruction manual without fail.
- Among all, carefully read the description related to safety.
- Keep this instruction manual in a safe place so that you can read it at any time when necessary.

Ver. 3
CKD Corporation
SMB-17E

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ABSODEX Dialogue Terminal
AX0170H
Instruction Manual No. SMB-17E

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1. TOPICS RELATED TO PRODUCT

1.1 Feature

- 1) Creation of equal segment programs is made easy.
You can handle operations ranging from creation of equal segment programs up to motor control even if you are a novice about NC codes and operation codes. Equal segment programs can be created through interactive operation.
- 2) No need for special power supply
The power is supplied from ABSODEX.
- 3) Program and parameter backing
Capacitors are used to back the memory. Programs and parameters are retained for three hours after the power is turned off.
This feature is useful when the program is copied to another ABSODEX unit.
The program memory capacity is 16K bytes.
- 4) Five operation modes
 - a) **Edit mode**
Through interactive operation, you can edit the program for performing equal segment actions. In addition, you can use NC codes to edit the program.
Only one editing program is stored. (Memory backup time: 3 hours)
Up to 2000 characters can be entered in the program.
Nine sample programs are registered, and you can edit the desired sample program to create the desired program.
 - b) **Display mode**
The input/output statuses of input/output signals at CN3 of the ABSODEX driver are displayed as well as the current motor position, alarm state, etc.
 - c) **Parameter mode**
Parameters can be monitored or entered.
 - d) **Motion mode**
Program starting/stopping and number selection, resetting, single block operation, MDI operation, brake application/release, offset value entry, communication through terminal inputs, and home return can be conducted.
 - e) **Copy mode**
All programs and parameters can be copied from ABSODEX driver to another driver.
- 5) Simple operation
Hold in the left hand and use the thumb of the left hand to operate the  key while entering number and letter keys with the right hand.
- 6) Simple program change
The angle and speed in the program can be modified without difficulty in the edit mode.
- 7) Comprehensive communication functions
Note: The program capacity and directory display are limited.
- 8) Emergency stop function