TANDBERG DATA

* New TOS-II release
* TDV 2200 Service Manual
* Hardware training courses
* New display computer - TDV 2324
* Optional equipment for the TDV 2200

newsletter

Contents

Newsletter deadlines

We strongly encourage our readers to make use of the NEWSLETTER to distribute information which might be of interest to others.

Please notice however, that the next deadline is:

JUNE 7th

The Marketing Section moves

Since Tandberg Data A/S was established as a company in the spring of 1979, the number of employees has increased from approximately 250 to about 330 at present. To provide room for all the new people we bought 250 square meters of provisonal wooden huts in the autumn of 1980 and placed them in the park. This Easter another 1150 square meters of huts across the road are waiting to be moved into.

So, after Easter, the Marketing Section, comprising the Marketing-, Sales-, and Service Departments will be out in the woods. To save themselves a lot of running, they have installed their own telex machine with a new number. The telephone number is not changed.

The NEW TELEX NUMBER to the Marketing Section is:

72663 tdata n
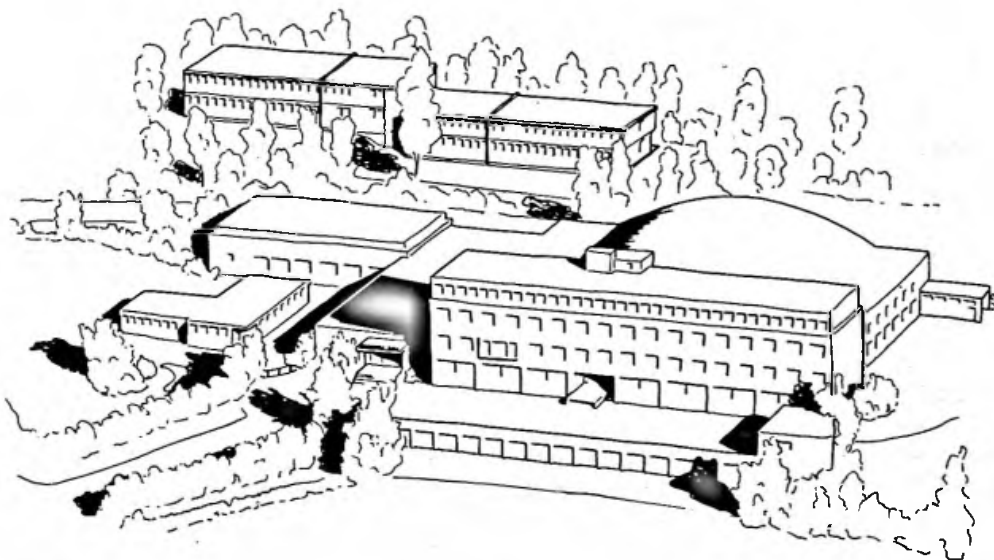
Opening hours during holidays

Tandberg Data will be closed for Easter from April 5th to April 12th. However, the Service Department will have people on duty on the 5th, 6th, and 7th. They can be reached on their direct number:

(47-2) 23 21 82

We keep closed again in week 20 due to national holidays, but the Service Department can be reached on their direct number on the 18th, 19th and 21st of May.

Optional equipment for the TDV 2200 ━━━━━━━━━━━

Three options are now offered to the TDV 2200 Series Display
Terminal user:

Security Lock Option Kit

The TDV 2200 Security Lock Option Kit offers the TDV 2200 user
means for access control to the terminal, provided by two key-
operated locks positioned in the top right corner of the key-
board unit.

One lock is always used to control access to the terminal and
prevents unauthorized persons from using the terminal.
When the lock is closed, the terminal display is turned off and
no input will be accepted from the keyboard or the communication
line.

The other lock is, for the standard Tandberg Data TDV 2200 Series
products, always used to control the access to the Soft-switches
and the PUSH-keys. Menus 2 and 3 can only be entered when the
lock is open.

The kit may be factory installed when the keyboard is ordered, or
it can be installed in the field by a qualified technician. The
kit contains a reference/installation manual and all the neces-
sary parts for field installation.

For detailed information, ask for the "Security Lock Option Kit
Reference Manual", publ. no. 5302, part no. 394174.

Video Output Option Kits

The TDV 2200 Video Output Option Kits offer the TDV 2200 Series
Display Terminal user means for connecting different types of
video monitors to the terminal.

Two different kits are available. Kit 1 is intended for use with
video monitors with a line frequency of 15.6 kHz and Kit 2 is
intended for video monitors with a line frequency of 20.1 kHz.

The kits consist mainly of a video output board which is mounted
within the terminal and it provides the composite video output
signal (video and sync) required by the video monitor. The con-
nection to the video monitor is made using a 75 ohm coaxial cable.

The kits may be factory installed when the terminal is ordered,
or they can be installed in the field by a qualified technician.
The kits contain a reference/installation manual and all the
necessary parts for field installation.

For detailed information, ask for the "Video Output Option Kits
Reference Manual", publ. no. 5323, part no. 394167.

Magnetic Card Reader Option Kit

The TDV 2200 Magnetic Card Reader Option Kit is a manually
operated magnetic card reader designed to read data stored on
magnetic cards according to ABA and SIPASS® industry standard
formats (track 2), into the terminal.

The kit may be used for increased security by providing individ-
ual access control to the host computer, or for fast and easy
data entry of personal account numbers, etc.

The card reader may be used either free-standing or attached to
the keyboard. The card reader is connected to the keyboard
through a single cable, and data read from the the magnetic cards
is transferred via the keyboard and received by the terminal as
keyboard data.

When the card is removed from the reader after having been read,
this is detected and signalled to the terminal (and host computer)
for increased security.

A card-stop bracket may be mounted on the reader assembly pro-
viding a retainer for the card when it has been pulled through
the reader and it is required that the card remain in the reader.

The Card Reader is delivered as a kit only. It contains document-
ation and all necessary parts for easy field installation by the
user.

For detailed information, ask for the "Magnetic Card Reader
Option Reference Manual", publ. no. 5314, part 390338.
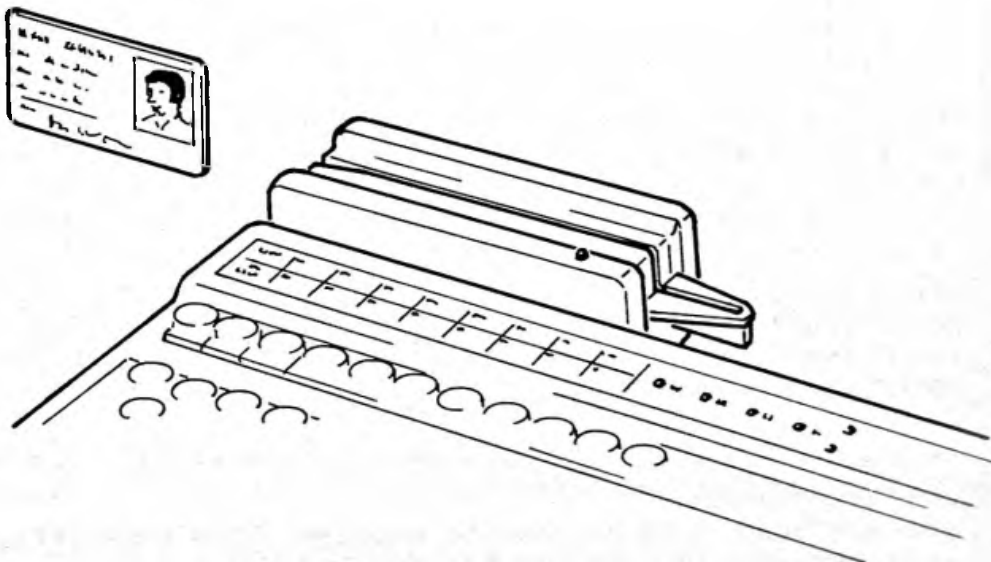
New display computer – TDV 2324

Our new display computer, the TDV 2324, is now being produced.
It replaces the TDV 2114/24 which has been around since 1976.
The TDV 2324 is program compatible with the TDV 2124 and will
be available in three versions:
TDV 2324-1: one 1 MByte diskette drive
TDV 2324-2: two 1 MByte diskette drives
TDV 2324-3: one 1 MByte diskette drive and one hard disk drive.

The TDV 2324 is offered with two operating systems; TOS-II or
CP/M®. The high level languages PASCAL and COBOL can be utilized
under TOS-II.
An integrated display controller results in instantaneous
response on the screen.
Communication software for Honeywell Bull VIP 7700, U 200 Univac,
and HASP/JES2 for IBM is available.

For further information about the TDV 2324 Display Computer,
please contact our sales department.
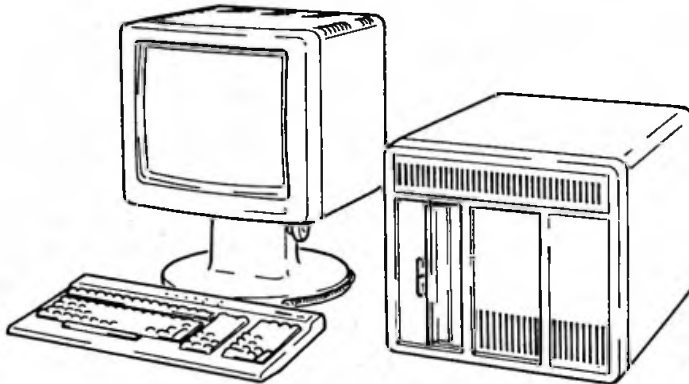
New faces at Tandberg Data

WILLY HAUGE
Willy Hauge is a graduate engineer from Gøteborgs
Tekniska Institut. He has worked for the Norwegian
telephone company and for Norconsult A/S in Saudi-
Arabia and West-Germany. Willy now works in our
Sales Administration Department where he is responsible
for the West-Germany region.

HEIDI IRENE BECH
Heidi Irene Bech has previously worked for Polar Express
and Olivetti. She is now employed as secretary in our
Marketing Department.

THORMOD KNUTSEN
Thormod Knutsen is a graduate engineer from Kongsberg
Ingeniørhøyskole. He has previously worked for
H. Gunnerud Elektriske Radio og TV. Thormod now works
in our Service Department.

New TOS-II release ▬▬▬▬▬▬▬

TOS, V.2.2-8 has been released. This is an upgraded version of
TOS, V.2.1-1.

Please note that there are four versions:

1. A version containing the Tandberg Data Double Density Diskette
   Handler (D-device) only. This version is intended to run on
   machines with one double density diskette drive (TDV 2124 or
   TDV 2324-1).

   Available from our Sales Department, ordering number 961203.

2. A version containing

        TD Double Density Diskette Handler (D-device)
        TD Single Density Diskette Handler (F-device)
        IBM Double Density Diskette Handler (I-device)
        IBM Single Density Diskette Handler (J-device)

   where all handlers are transient. This version is intended
   to run on machines with two double density diskette drives
   (TDV 2124 or TDV 2324-2.)

3. A version containing

        TD Double Density Diskette Handler (D-device)
        TD Single Density Diskette Handler (F-device)
        TD Hard Disk Handler   (H-device)
        IBM Double Density Diskette Handler (I-device)
        IBM Single Density Diskette Handler (J-device)

   where all handlers are transient. This version is intended to
   run on machines with one double density diskette drive and one
   hard disk (TDV 2324-3.)

4. A special version containing

        TD Double Density Diskette Handler (D-device)
        TD Single Density Diskette Handler (F-device)
        TD Hard Disk Handler   (H-device)

   where all handlers are transient. This version is also called
   SYSTEM BULK. It is used only when making special configurations
   of the operating system TOS-II. It contains a SYSGEN program
   and a few utilities used by SYSGEN. It also contains all relo-
   catable objects of TOS-II and the UTILITIES. This version re-
   quires a machine with either two double density diskette drives
   or one double diskette drive and one hard disk.

   Available from our Sales Department, ordering number 961049.

   The main difference as compared to version 2.1-1 is the intro-
   duction of hard disk under the operating system for TDV 2324-3.

   Some minor errors reported are also corrected.

Hardware training courses ▬▬▬▬▬▬▬

SPRING 1982

TDV 2200 HARDWARE TRAINING COURSE, 2 days

Contents: TDV 2200 hardware description.
                  Test, adjustment, troubleshooting aids and
                  procedures.

Time: 11th – 12th March.
                  This course will be repeated 19th – 20th April
                                               10th – 11th May
                                                7th – 8th June.

Traing fee: NOK 2900,- including lunch, refreshments,
                  and documentation.

TDC 3200 HARDWARE TRAINING COURSE, 3 days

Contents: Overall system description.
                  Hardware/firmware description.
                  Test, adjustment, troubleshooting aids,
                  and documentation.

Time: 12th – 14th May

Training fee: NOK 3850,- including lunch, refreshments,
                  and documentation.

New representative in France ▬▬▬▬▬▬▬

JOD Electronique is the latest addition to Tandberg Data´s list
of representatives. The firm was established in 1980, and is
lead by Mr. Jaques Ouanono. The agreement with JOD was made in
December 1980, and concerns tape products for the French market.

Address, telephone-, and telex numbers are included in the up-
dated list of representatives on the next page.

We wish Mr. Ouanono and his firm the best of luck in the French
market, and welcome on the team!

List of representatives

Updated 18th March 1982

NORWAY

Mr. Kjell Sørebø	Computer Systemer A/S P.O. Box 2380 5012 SOLHEIMSVIK	Telephone: (47-5) 29 80 27
Mr. Roger Lien	Sagveien 21 OSLO 4	Telephone: (47-2) 35 63 78
Mr. Finn Radmann Mr. Arild Gladsøe	Kontorsenteret- Finn Radmann A/S Fjordgt. 46/48 7000 TRONDHEIM	Telephone: (47-75) 33 060
Mr. Arne Heen Mr. Pål Kjersem Mr. Øistein Helstrøm	Norske Data Systemer A/S Kongens gate 2 OSLO 1	Telephone: (47-2) 41 08 30

SWEDEN

Mr. Sten Fransson Mr. Ronny Forsberg	Siemens Data AB Fack S-172 07 SUNDBYBERG	Telephone: (46-8) 98 79 00 Telex: 0054/17221

DENMARK

Display Computers and Terminals:

Mr. Lars Dam Jensen Mr. Per Madsen	Siemens Data AS Borupvang 3 DK-2750 BALLERUP	Telephone: (45-2) 65 65 65 Telex: 0055/35313

Tape products:

Mr. Svend Elvers	A/S Danbridge Hirsemarken 5 DK-3520 FARUM	Telephone: (45-2) 95 55 22 Telex: 0055/37579

FINLAND

GENERAL AGENT:

Mr. Tore Petterson Mr. Pekka Rope	Siemens OY Mikonkatu 8 P.O.Box 8 SF-00101 HELSINKI 10	Telephone: (358-90) 1626-1 Telex: 0057/124465

SUB AGENT:

Mr. Seppo Kuisma	Videodata OY P.O. Box 65 SF-00421 HELSINKI 42	Telephone: (358-0) 562 4266 Telex: 0057/123430

ENGLAND

Mr. Ron Fairbairn	Farnell Int. Instr. Ltd. Sandbeck Way WETHERBY West Yorkshire LS22 4DH	Telephone: (44) 937 61961 Telex: 0051/55478

WEST-GERMANY, SWITZERLAND and the NETHERLANDS

Mr. Hans Augst	Tandberg Data GmbH Feldstrasse 81 D-4600 DORTMUND 1	Telephone: (49-231) 52 74 13/14/15 Telex: 0041/8227215 (tada-d)

FRANCE

Tape products:

	JOD Electronique 9, Rue Noblet F-92500 RUEIL MALANAISON	Telephone: (33-1) 749-70-44 Telex: 0042/201626

USA

Display Computers and Terminals:

Mr. Odd Heldre	Tandberg Data Inc. Labriola Court P.O. Box 99 Armonk, New York N.Y. 10504	Telephone: (914) 273-6400 Telex: 00230/137357

Tape products:

Mr. Dale Spencer	Innovative Data Technology 4060, Morena Blvd. San Diego California 92117	Telephone: (714) 270-3990 Telex: 0025/9103351610

TDV 2200 Service Manual _____

The TDV 2200 Service Manual is now available. It replaces the
TDV 2200 Hardware Manual, and contains more detailed descriptions
and updated schematic diagrams.

The manual can be ordered from our Service Department.
Ordering number: 961326 – Price: NOK 600.-

The following sections are included:

 - Introduction
 - Specifications and Installation Guide
 - User's Guide
 - Location and Interconnection
 - Switch Setting Overview
 - Mainboard
 - Power/Deflection 1 and 2 (incl. Tube board)
 - Keyboard
 - Illustrated Parts List
 - Servicing

Descriptions of the options must be ordered separately. A spare
section in the Service Manual is intended for the filing of
option descriptions.

Ordering numbers are as follows:

Publication title	Publ. no.	Ordering no.
TDV 2200 Optional Interface Adapters	5229	394532
TDV 2200 Memory Module	5228	392851
TDV 2200 Test Monitor Specifications	5317	390963
TDV 2200 Dynamic RAM 16 K/32 K	5328	390726
TDV 2200 Security Lock Option, Reference Manual	5302	394174
TDV 2200 Magnetic Card Reader Option, Reference Manual	5314	390338
TDV 2200 Video Output Option Kits, Reference Manual	5323	394167
TDV 2200 115 V Option Kit	5296	390151

Have you checked your stock of documentation lately?

PUBL. NO.	REV. NO.	TITLE	PART NUMBER	CODE
K5131	0	Shiel.Fl.Cabl.Pol.Keys,Mount.Instr.	--	*
N5304	0	SOFTWARE SORT-II User's Guide	394950	*
N5144	1	SOFTWARE TOS Ver. 2.1-1, System Description	393210	*
N5346	0	SOFTWARE TOS Ver. 2.2-8 System Rel. Descr.	396572	*
N5145	1	SOFTWARE TOS-II User's Guide (Ver. 2.1-1)	394891	*
P5237	0	TDC 3000 48 V DC Power Supply, Service Man.	390811	*
N5245	0	TDC 3000 48 V DC Power Supply, Specs.	393074	*
N5234	0	TDC 3000 Cartridge Storage Recommendations	390071	*
K5128	0	TDC 3000 EMC Mod. Kit, Mounting Instr.	386084	*
P1566	1	TDC 3000 Formatter (960055)	367041	*
P5275	0	TDC 3000 Motion Control Modification Kit	391602	*
P1455	1	TDC 3000 Operating Instructions	359534	*
P1552	2	TDC 3000 Parallel I/O Controller (960056)	369677	*
N5083	1	TDC 3000 Product Specifications	385015	*
K5119	1	TDC 3000 Rear Cover Kit, Mounting Instr.	--	*
N5098	1	TDC 3000 Reference Manual	375912	*
P1381	1	TDC 3000 Serv.&Op.Man.(exc.Form.&I/O Cont.)	358692	*
P5093	1	TDC 3000 Used with Fluke 2240A Data Logger	960980	*
P5027	0	TDC 3000/3011 Demo Cartridge, User's Manual	389160	*
N5084	1	TDC 3005 Product Specifications	386696	*
P5065	0	TDC 3005 Supp.to TDC 3000 Serv.Op.Man.(1381)	377206	*
P5039	1	TDC 3010 User & Service Manual (ALPHA-LSI)	359699	*
N5031	0	TDC 3011 BCS Driver Ver. 3 (HP), Descrip.	369455	*
P5019	0	TDC 3011 Bin. Loader/Dump (HP21MX), Specs.	385719	*
P5020	0	TDC 3011 Bin. Loader/Dump HP2100, Specs.	387400	*
N5076	0	TDC 3011 DOS Operating System (HP) User Man.	366573	*
P5023	0	TDC 3011 Disk Dump/Restore Progr.(HP),Descr.	387831	*
P5018	0	TDC 3011 OPER/HP-RTE Fam. of Opsys,User Man.	389433	*
P5024	0	TDC 3011 SIO Driver (HP), User's Manual	389512	*
P5017	1	TDC 3011 Test/Maint(2100/21MX)User Man.+ECN	366968	*
P5040	2	TDC 3011 User & Service Man. (HP2100/21MX)	374719	*
P5048	1	TDC 3013 Diskdump/Rest.Prog., User's Man.	365165	*
P5025	0	TDC 3013 RT-11 Driver (PDP-11), User's Man.	385798	*
N5049	1	TDC 3013 Specifications (PDP-11)	372133	*
P5047	0	TDC 3013 Test/Maint.Prog.(PDP-11),User'sMan.	367198	*
P5028	1	TDC 3013 User & Service Manual (PDP-11)	360971A	*
P5044	1	TDC 3025 Commun.Interf.V.24 Ver.C, Serv.Man.	369080	*
N5060	0	TDC 3025 Communication Interface V.24,Specs.	377012	*
P5125	1	TDC 3025 Version 2 K Buffer, User's Manual	389683	*
N5163	0	TDC 3026 Comm. I/O Contr., Service Manual	387802	*
N5156	0	TDC 3026 Comm. I/O Contr., User's Manual	386832	*
N5162	0	TDC 3026 Signature Analysis Tables	389483	*
N5085	1	TDC 3050 Formatter with Parallel I/O Contr.	373262	*
N5139	0	TDC 3050 Using TMA 3 BB, Func. Test Proc.		*
P5042	0	TDC 3100 Service Manual	372801	*
N5286	1	TDC 3210 1/4" Streaming Tape, Ref. Manual	390273	*
N5260	4	TDC 3212 1/4" Streaming Tape, Ref. Manual	391300	*
N5287	1	TDC 3214 1/4" Streaming Tape, Ref. Manual	391954	*

PUBL. NO.	REV. NO.	TITLE	PART NUMBER	CODE
P5037	4	TDF 4050 Reference Manual	365705	*
K5012	0	TDF 4050 Self Test (960768), Operat. Instr.	--	*
P5050	0	TDF 4050 Service and Operating Manual	370725	*
N5062	3	TDS 8021/24 HASP/JES2, User's Guide	372730	*
N5008	3	TDS 8031 Operator's Guide (IBM 3270 Emul.)	388456	*
P5009	1	TDS 8031 Technical Overview (IBM 3270 Emul.)	386423	*
P5158	0	TDV 2100 16K/48K RAM	386674	*
N5003	0	TDV 2100 Buffered Editor, Specifications	367594	*
N5106	0	TDV 2100 COBOL VER.2.2, Release Description	393914	*
N5052	0	TDV 2100 Cable Fastening Kit, Description	371228	*
N5089	0	TDV 2100 Cluster Interface Handler	372084	*
P5067	2	TDV 2100 Deflection & Video Mk II	370733	*
P5069	1	TDV 2100 Display Logic	374095	*
P5068	1	TDV 2100 Keyboard Type K	372914	*
P5002	1	TDV 2100 PROM	375518	*
P5121	1	TDV 2100 Power Supply Mk III	389101	*
N5104	0	TDV 2100 Random File Manager, User's Guide	390552	*
N5101	0	TDV 2100 Relocatable Assembl. & Link. + App.	379935	*
P5122	0	TDV 2100 Shugart Disk. Drive, Maint. Manual	386989	*
N5045	0	TDV 2100 Synchronous Communication Driver	370646	*
N5053	0	TDV 2100 TCGS - TD Character Gener. System	370869	*
P5120	1	TDV 2100 TD RAM	387420	*
N5001	0	TDV 2100 TOS21 VER.1.5, User's Guide	361617	*
N5105	1	TDV 2100 TOS21 VER.1.6, System Descr. + App.	392233	*
N5124	1	TDV 2100 TOS21 VER.1.8, System Description	391881	*
N5109	0	TDV 2100 TOS21, Reference Card (Ver. 1.6)	390200	*
P5082	0	TDV 2100 Technical Updating	370374	*
P5056	1	TDV 2100 Test Programs (960680), Descrip.	386969	*
N5061	0	TDV 2100 Text Handler, Specifications	370941	*
N5164	0	TDV 2100 U200, User's Guide	390631	*
N5157	2	TDV 2100 VIP User's Guide	391177	*
N5016	0	TDV 2100 XMON/P Form Handler, Specs.	387752	*
N5014	0	TDV 2100 XMON/S & XMON/SD Rev.lev. 1, Specs.	389785	*
N5013	0	TDV 2100 XMON/SV Rev. Level 1, Specs.	388104	*
N5095	0	TDV 2114 COBOL Language Manual	377751	*
N5096	0	TDV 2114 COBOL Reference Card	379432	*
N5058	0	TDV 2114 COBOL(960811.000),Release Descr.(App.to 5095)		*
N5099	0	TDV 2114 Cable Description	375675	*
P1549	1	TDV 2114 Cartridge Controller Mk II	366006	*
P5079	0	TDV 2114 Cluster Interface	372759	*
N5091	0	TDV 2114 Commercial Basic, Reference Card	377219	*
P1426	0	TDV 2114 Diskette Controller + Updating	362845	*
K5132	0	TDV 2114 EMC Mod.Kit Ext.Diskdr.Mount.Instr.	387765	*
K5133	0	TDV 2114 EMC Modification Kit, Mount. Instr.	386156	*
K5066	0	TDV 2114 Electrostatic Immunity Kit, Descr.	--	*
N5026	1	TDV 2114 Form Handler Ver. 1.2 (see 5016)	387479	*
P5057	0	TDV 2114 Horizontal Mounting of Disk. Drive	388650	*
P5116	0	TDV 2114 Illustrated Parts List	385423	*
P5036	0	TDV 2114 Initial Setting Up	367738	*
P5035	2	TDV 2114 Installation	366330	*
P5123	0	TDV 2114 LCG (Schematic diagram)	389173	*
P5159	0	TDV 2114 LCG Mk II	388355	*
P5077	1	TDV 2114 Loc. & Interconn. Motherbd. Mk II	374792	*
K5094	0	TDV 2114 Mains Noise Suppression Kit, Descr.	--	*
N5033	0	TDV 2114 Operating Instructions (Prelim.)	368399	*
N5108	1	TDV 2114 Programmer's Reference Guide	388377	*
N5054	1	TDV 2114 Reference Manual	373132	*
N5015	0	TDV 2114 SORT, User's Documentation	377407	*
P4997	0	TDV 2114 Service & Oper. Manual (3 volumes)	960705	*
P5170	0	TDV 2114 Service & Oper. Manual, Volume 3	961233	*
P5126	0	TDV 2114 Shielded Flat Cable,Mounting Instr.	389798	*
P5080	1	TDV 2114 Synchronous Interface	373190	*
P5087	1	TDV 2114 System Description	373111	*
P5182	0	TDV 2114/24 CPU Mk II	391989	*
N5090	1	TDV 2114/24 Commercial Basic, User's Manual	375538	*
P5092	0	TDV 2115 Adapt.Cable TDV 2000 Comp.TDV 2115	--	*
P5055	0	TDV 2115 Display Controller	371372	*
P5070	2	TDV 2115/16 CPU Mk I	374957	*
N5100	0	TDV 2115/16 Cable Description	377356	*
K5086	0	TDV 2115/16 Electrostat. Imm. Kit, Descrip.	--	*
P5117	0	TDV 2115/16 Illustrated Parts List	387493	*
P5064	1	TDV 2115/16 Location and Interconnection	371085	*
K5102	0	TDV 2115/16 Mains Noise Suppr. Kit, Descrip.	--	*

PUBL. NO.	REV. NO.	TITLE	PART NUMBER	CODE
P5114	1	TDV 2115C User's Guide	375827	*
P5148	0	TDV 2115C/15CV Service & Operating Manual	961199	*
P5118	0	TDV 2115L User's Guide	388577	*
P5149	0	TDV 2115L/16L Service & Operating Manual	961198	*
N5140	0	TDV 2116L User's Guide	389849	*
P5141	0	TDV 2124 CDC Double Dens. Drive, Hardw. Man.	388822	*
P5097	4	TDV 2124 Double Density Mk I, Reference Man.	392937	*
P5113	2	TDV 2124 Double Density Mk I, Service Man.	387141	*
P5168	0	TDV 2124 Service & Oper. Manual (3 volumes)	961231	*
P5169	0	TDV 2124 Service & Oper. Manual, Volume 3	961232	*
P5181	1	TDV 2124 Shugart DD/DS Disk.Drive Serv. Man.	393131	*
N5142	1	TDV 2124 XMON/F User's Guide	393562	*
P5296	0	TDV 2200 115 V Option Kit	390151	*
K5246	0	TDV 2200 Cable Fastening Kit, Description	390373	*
N5328	0	TDV 2200 Dynamic RAM	390726	*
N5209	0	TDV 2200 Guidelines for Firmware Developm.	394848	*
N5314	0	TDV 2200 Magnetic Card Reader Op.Ref.Man.	390338	*
N5228	1	TDV 2200 Memory module, Test & Firmware	392851	1
N5229	1	TDV 2200 Optional Interface Adapters	394532	*
N5302	0	TDV 2200 Security Lock Option Kit, Ref. Man.	394174	*
P5214	0	TDV 2200 Service Manual	961326	*
N5317	1	TDV 2200 Test Monitor Specifications	390963	*
N5298	0	TDV 2200 Test Pattern Generator (EXECUT)	391444	*
N5283	2	TDV 2200 User's Guide to Library Routines	390000	*
N5205	4	TDV 2200 User's Guide to the Primitives	391838	*
N5323	0	TDV 2200 Video Output	394167	*
N5195	0	TDV 2201 Owner's Manual	961330	*
N5196	0	TDV 2211 Owner's Manual	961332	*
N5299	0	TDV 2211 Prod. Rel. Doc., Firmw. R. Lev. 10	393125	*
N5194	0	TDV 2215 Owner's Manual	961327	*
N5252	0	TDV 2215 Prod. Rel. Doc., Firmw. R. Lev. 1	391580	*
N5300	0	TDV 2215 Prod. Rel. Doc., Firmw. R. Lev. 10	394806	*
N5313	0	TDV 2215VIP Product Description	391365	*
N5215	0	TDV 2220 Owner's Manual	961329	*
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