

Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103301**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), PRESET (for entering a numerical value), Reversal of counting direction, mm/inch, LOCK function (key lock)

Measuring range mm

0 - 150

Measuring range

0 - 6"

Resolution mm/inch

0.01 / .0005"

Error limit (mm)

0.03 mm

Height of digits

11 mm

Battery type

CR 2032 (3V Lithium)

Package contains

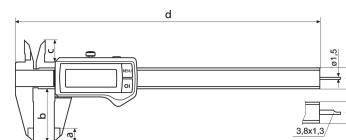
battery, test certificate, instruction manual, case

Dimensions

Data interface

none

Dimensions e in mm	16 mm
Dimensions b in mm	40 mm
Dimensions a in mm	10 mm
Dimensions c in mm	16 mm
Dimensions d in mm	235 mm



Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103304**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), PRESET (for entering a numerical value), Reversal of counting direction, mm/inch, LOCK function (key lock)

Measuring range mm

0 - 200

Measuring range

0 - 8"

Resolution mm/inch

0.01 / .0005"

Error limit (mm)

0.03 mm

Height of digits

11 mm

Battery type

CR 2032 (3V Lithium)

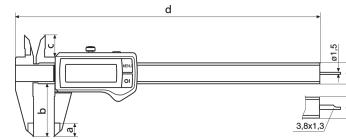
Package contains

battery, test certificate, instruction manual, case

Dimensions

Data interface
none

Dimensions e in mm	16 mm
Dimensions b in mm	50 mm
Dimensions a in mm	10 mm
Dimensions c in mm	19 mm
Dimensions d in mm	285 mm



Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103069**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), mm/inch, LOCK function (key lock), DATA (data transmission via connection cable)

Package contains

battery, test certificate, instruction manual, case

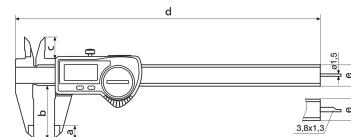
Data interface

USB, Opto RS-232C, Digimatic

Measuring range mm	0 - 200
Measuring range	0 - 8"
Resolution mm/inch	0.01 / .0005"
Error limit (mm)	0.03 mm
Height of digits	8.5 mm
Battery type	CR 2032 (3V Lithium)

Dimensions

Dimensions e in mm	16 mm
Dimensions b in mm	50 mm
Dimensions a in mm	10 mm
Dimensions c in mm	19 mm
Dimensions d in mm	285 mm



Accessories

Order no.	Designation	Product type
4102357	Data connection cable USB	16 EXu
4102915	Data cable Digimatic	16 Ewd
4102410	Data connection cable RS232C	16 EXr

Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103302**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), PRESET (for entering a numerical value), Reversal of counting direction, mm/inch, LOCK function (key lock)

Measuring range mm

0 - 150

Measuring range

0 - 6"

Resolution mm/inch

0.01 / .0005"

Error limit (mm)

0.03 mm

Height of digits

11 mm

Battery type

CR 2032 (3V Lithium)

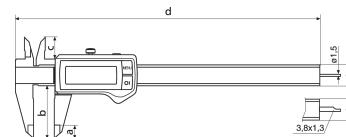
Package contains

battery, test certificate, instruction manual, case

Dimensions

Data interface
none

Dimensions e in mm	16 mm
Dimensions b in mm	40 mm
Dimensions a in mm	10 mm
Dimensions c in mm	16 mm
Dimensions d in mm	235 mm



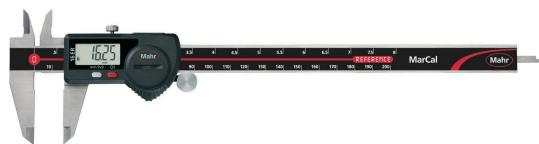
Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103071**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), mm/inch, LOCK function (key lock), DATA (data transmission via connection cable)

Package contains

battery, test certificate, instruction manual, case

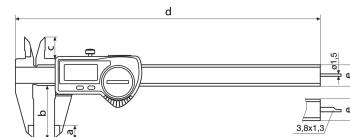
Data interface

USB, Opto RS-232C, Digimatic

Measuring range mm	0 - 300
Measuring range	0 - 12"
Resolution mm/inch	0.01 / .0005"
Error limit (mm)	0.04 mm
Height of digits	8.5 mm
Battery type	CR 2032 (3V Lithium)

Dimensions

Dimensions e in mm	16 mm
Dimensions b in mm	64 mm
Dimensions a in mm	14 mm
Dimensions c in mm	19 mm
Dimensions d in mm	388 mm



Accessories

Order no.	Designation	Product type
4102357	Data connection cable USB	16 EXu
4102915	Data cable Digimatic	16 Ewd
4102410	Data connection cable RS232C	16 EXr

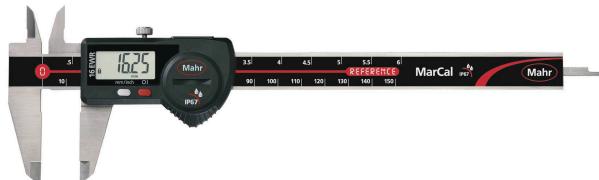
Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103066**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), mm/inch, LOCK function (key lock), DATA (data transmission via connection cable)

Package contains

battery, test certificate, instruction manual, case

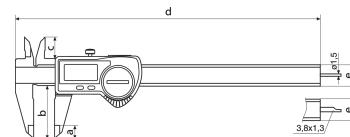
Data interface

USB, Opto RS-232C, Digimatic

Measuring range mm	0 - 150
Measuring range	0 - 6"
Resolution mm/inch	0.01 / .0005"
Error limit (mm)	0.03 mm
Height of digits	8.5 mm
Battery type	CR 2032 (3V Lithium)

Dimensions

Dimensions e in mm	16 mm
Dimensions b in mm	40 mm
Dimensions a in mm	10 mm
Dimensions c in mm	16 mm
Dimensions d in mm	235 mm



Accessories

Order no.	Designation	Product type
4102357	Data connection cable USB	16 EXu
4102915	Data cable Digimatic	16 Ewd
4102410	Data connection cable RS232C	16 EXr

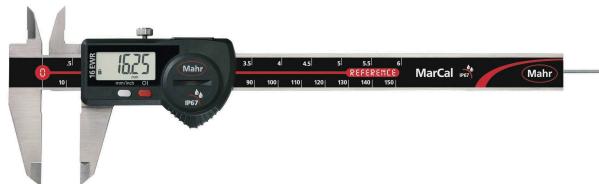
Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103065**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), mm/inch, LOCK function (key lock), DATA (data transmission via connection cable)

Package contains

battery, test certificate, instruction manual, case

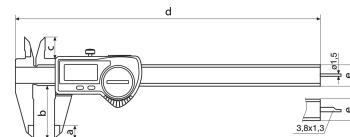
Data interface

USB, Opto RS-232C, Digimatic

Measuring range mm	0 - 150
Measuring range	0 - 6"
Resolution mm/inch	0.01 / .0005"
Error limit (mm)	0.03 mm
Height of digits	8.5 mm
Battery type	CR 2032 (3V Lithium)

Dimensions

Dimensions e in mm	16 mm
Dimensions b in mm	40 mm
Dimensions a in mm	10 mm
Dimensions c in mm	16 mm
Dimensions d in mm	235 mm



Accessories

Order no.	Designation	Product type
4102357	Data connection cable USB	16 EXu
4102915	Data cable Digimatic	16 Ewd
4102410	Data connection cable RS232C	16 EXr

Product information

Digital caliper MarCal 16 EWR

Product features

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- Measuring blade for inside measurements
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- Step measuring function
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- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), PRESET (for entering a numerical value), Reversal of counting direction, mm/inch, LOCK function (key lock)

Measuring range mm 0 - 150

Measuring range 0 - 6"

Resolution mm/inch 0.01 / .0005"

Error limit (mm) 0.03 mm

Height of digits 11 mm

Battery type CR 2032 (3V Lithium)

Package contains

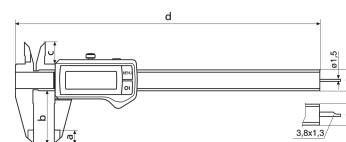
battery, test certificate, instruction manual, case

Dimensions

Data interface

none

Dimensions e in mm	16 mm
Dimensions b in mm	40 mm
Dimensions a in mm	10 mm
Dimensions c in mm	16 mm
Dimensions d in mm	235 mm



Product information

Digital caliper MarCal 16 EWR

Product features

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- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), PRESET (for entering a numerical value), Reversal of counting direction, mm/inch, LOCK function (key lock)

Measuring range mm

0 - 150

Measuring range

Metric

Resolution mm/inch

0.01 / --

Error limit (mm)

0.03 mm

Height of digits

11 mm

Battery type

CR 2032 (3V Lithium)

Package contains

battery, test certificate, instruction manual, case

Dimensions

Data interface
none

Dimensions e in mm

16 mm

Dimensions b in mm

40 mm

Dimensions a in mm

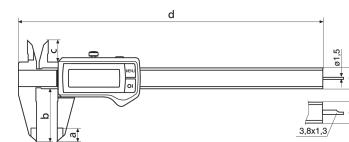
10 mm

Dimensions c in mm

16 mm

Dimensions d in mm

235 mm



Product information

Digital caliper MarCal 16 EWR



Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Technical data

Functions

Functions
ON/OFF, AUTO-ON / OFF, RESET
(set display to zero), PRESET
(for entering a numerical value),
Reversal of counting direction,
mm/inch, LOCK function (key
lock)

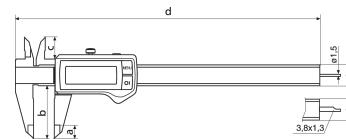
Measuring range mm	0 - 200
Measuring range	0 - 8"
Resolution mm/inch	0.01 / .0005"
Error limit (mm)	0.03 mm
Height of digits	11 mm
Battery type	CR 2032 (3V Lithium)

Package contains

battery, test certificate, instruction manual, case

Dimensions

Dimensions e in mm	16 mm
Dimensions b in mm	50 mm
Dimensions a in mm	10 mm
Dimensions c in mm	19 mm
Dimensions d in mm	285 mm



Data interface

none

Dimensions e in mm
Dimensions b in mm
Dimensions a in mm
Dimensions c in mm
Dimensions d in mm

Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103307**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), PRESET (for entering a numerical value), Reversal of counting direction, mm/inch, LOCK function (key lock)

Measuring range mm

0 - 300

Measuring range

0 - 12"

Resolution mm/inch

0.01 / .0005"

Error limit (mm)

0.04 mm

Height of digits

11 mm

Battery type

CR 2032 (3V Lithium)

Package contains

battery, test certificate, instruction manual, case

Dimensions

Data interface

none

Dimensions e in mm

16 mm

Dimensions b in mm

64 mm

Dimensions a in mm

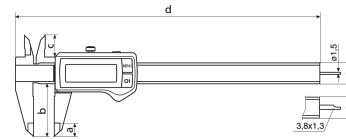
14 mm

Dimensions c in mm

19 mm

Dimensions d in mm

388 mm



Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103064**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), mm/inch, LOCK function (key lock), DATA (data transmission via connection cable)

Package contains

battery, test certificate, instruction manual, case

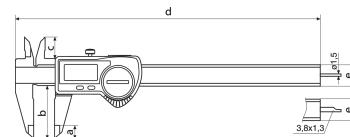
Data interface

USB, Opto RS-232C, Digimatic

Measuring range mm	0 - 150
Measuring range	0 - 6"
Resolution mm/inch	0.01 / .0005"
Error limit (mm)	0.03 mm
Height of digits	8.5 mm
Battery type	CR 2032 (3V Lithium)

Dimensions

Dimensions e in mm	16 mm
Dimensions b in mm	40 mm
Dimensions a in mm	10 mm
Dimensions c in mm	16 mm
Dimensions d in mm	235 mm



Accessories

Order no.	Designation	Product type
4102357	Data connection cable USB	16 EXu
4102915	Data cable Digimatic	16 Ewd
4102410	Data connection cable RS232C	16 EXr

Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103306**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), PRESET (for entering a numerical value), Reversal of counting direction, mm/inch, LOCK function (key lock)

Measuring range mm 0 - 300

Measuring range 0 - 12"

Resolution mm/inch 0.01 / .0005"

Error limit (mm) 0.04 mm

Height of digits 11 mm

Battery type CR 2032 (3V Lithium)

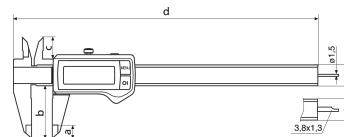
Package contains

battery, test certificate, instruction manual, case

Dimensions

Data interface
none

Dimensions e in mm	16 mm
Dimensions b in mm	64 mm
Dimensions a in mm	14 mm
Dimensions c in mm	19 mm
Dimensions d in mm	388 mm



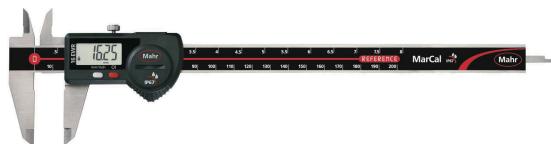
Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103068**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), mm/inch, LOCK function (key lock), DATA (data transmission via connection cable)

Package contains

battery, test certificate, instruction manual, case

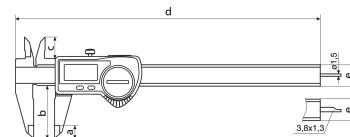
Data interface

USB, Opto RS-232C, Digimatic

Measuring range mm	0 - 200
Measuring range	0 - 8"
Resolution mm/inch	0.01 / .0005"
Error limit (mm)	0.03 mm
Height of digits	8.5 mm
Battery type	CR 2032 (3V Lithium)

Dimensions

Dimensions e in mm	16 mm
Dimensions b in mm	50 mm
Dimensions a in mm	10 mm
Dimensions c in mm	19 mm
Dimensions d in mm	285 mm



Accessories

Order no.	Designation	Product type
4102357	Data connection cable USB	16 EXu
4102915	Data cable Digimatic	16 Ewd
4102410	Data connection cable RS232C	16 EXr

Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103303**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), PRESET (for entering a numerical value), Reversal of counting direction, mm/inch, LOCK function (key lock)

Measuring range mm

0 - 150

Measuring range

0 - 6"

Resolution mm/inch

0.01 / .0005"

Error limit (mm)

0.03 mm

Height of digits

11 mm

Battery type

CR 2032 (3V Lithium)

Package contains

battery, test certificate, instruction manual, case

Dimensions

Data interface

none

Dimensions e in mm

16 mm

Dimensions b in mm

40 mm

Dimensions a in mm

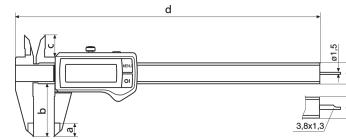
10 mm

Dimensions c in mm

16 mm

Dimensions d in mm

235 mm



Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103070**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), mm/inch, LOCK function (key lock), DATA (data transmission via connection cable)

Package contains

battery, test certificate, instruction manual, case

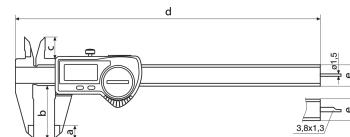
Data interface

USB, Opto RS-232C, Digimatic

Measuring range mm	0 - 300
Measuring range	0 - 12"
Resolution mm/inch	0.01 / .0005"
Error limit (mm)	0.04 mm
Height of digits	8.5 mm
Battery type	CR 2032 (3V Lithium)

Dimensions

Dimensions e in mm	16 mm
Dimensions b in mm	64 mm
Dimensions a in mm	14 mm
Dimensions c in mm	19 mm
Dimensions d in mm	388 mm



Accessories

Order no.	Designation	Product type
4102357	Data connection cable USB	16 EXu
4102915	Data cable Digimatic	16 Ewd
4102410	Data connection cable RS232C	16 EXr

Product information

Digital caliper MarCal 16 EWR

Product features

- High contrast digit display
- Locking screw above
- Lapped guideway
- Measuring blade for inside measurements
- Slide and beam made of hardened stainless steel
- Step measuring function
- Immediate measurements due to the Reference System
- Raised guideway for the protection of the scale
- Excellent resistance against dust, coolants and lubricants
- Dirt wipers are integrated in the slide

Item no.: **4103067**



Technical data

Functions

ON/OFF, AUTO-ON / OFF, RESET (set display to zero), mm/inch, LOCK function (key lock), DATA (data transmission via connection cable)

Package contains

battery, test certificate, instruction manual, case

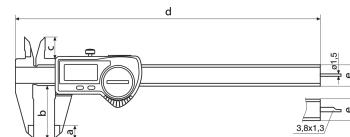
Data interface

USB, Opto RS-232C, Digimatic

Measuring range mm	0 - 150
Measuring range	0 - 6"
Resolution mm/inch	0.01 / .0005"
Error limit (mm)	0.03 mm
Height of digits	8.5 mm
Battery type	CR 2032 (3V Lithium)

Dimensions

Dimensions e in mm	16 mm
Dimensions b in mm	40 mm
Dimensions a in mm	10 mm
Dimensions c in mm	16 mm
Dimensions d in mm	235 mm



Accessories

Order no.	Designation	Product type
4102357	Data connection cable USB	16 EXu
4102915	Data cable Digimatic	16 Ewd
4102410	Data connection cable RS232C	16 EXr