



## **Ordering information for Y.XRS Image Intensifiers**

**1. Angled versions Y.XRS152 (6“), Y.XRS232 (9“), Y.XRS302 (12“)** (CCIR/EIA Camera)

**1.1 Options for Y.XRS152 / Y.XRS232 / Y.XRS302**

**2. Straight versions Y.XRS153 (6“), Y.XRS233 (9“), Y.XRS303 (12“)** (CCIR/EIA Camera)

**2.1 Options for Y.XRS153 / Y.XRS233 / Y.XRS303**

**3. Compact versions Y.XRS235 (9“), Y.XRS305 (12“)** (digital CamLink Camera 1 k x 1 k)

**3.1 Options for Y.XRS235 / Y.XRS305**

**4. Accessories for Y.XRS image intensifiers**



## 1. Angled Versions Y.XRS152 / Y.XRS232 / Y.XRS302

| Pos. | Component                                 | Possibilities  |  |  |                        |
|------|---|--|--|--|------------------------|
| 1    | <b>Compact I.I. unit</b>                  | 9421 169 99773<br>6/4" tube incl. basic lens<br>for XRS152     | 9421 169 99873<br>9/7/5" tube with n.b. glass*<br>incl. basic lens<br>for XRS232 | 9421 169 99973<br>12/9/6" tube with n.b. glass*<br>incl. basic lens for XRS302 |                        |
| 2    | <b>Basic unit ,<br/>w. 20 m cable</b>     | 9421 166 20842<br>Standard, 90° up<br>controller rack/CAM-unit | 9421 166 20852<br>(MU-2000) 90° down<br>controller rack/CAM-unit                 |  |                        |
| 3    | <b>Camera</b>                             | 9421 169 02450 CCIR<br>1/2" CCD, 625 lines, 50Hz               | 9421 169 02460 EIA<br>1/2" CCD, 525 lines, 60Hz                                  |  |                        |
| 4    | <b>Zoom lens</b>                          | 9421 169 01413<br>manual zoom lens                             | 9421 169 01423<br>motor zoom lens  |  |                        |
| 5    | <b>Display unit</b>                       | 9421 167 53203<br>display/panel w. 3m cable                    |  |  |                        |
| 6    | <b>Video cable,<br/>(double shielded)</b> | 9421 167 50203<br>20 m = standard                              | 9421 167 50153<br>15 m   |  | 9421 167 50103<br>10 m |

**Notes :** (1) In each of the rows choose exactly one (1) position !!

(2) Line penetrometer, user manual (color; English + German ) and CE conformity declaration are included

\* n. b. glass = none browning glass output window






## 1.1 Options for Y.XRS152 / Y.XRS232 / Y.XRS302

| Pos. | Component                              | Possibilities                         |                                      |                                      |                                       |
|------|--|---------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|
| 7    | <b>Motor diaphragm Control MDC01-3</b> | 9421 167 28603<br>diaphragm PCB       |                                      |                                      |                                       |
| 8    | <b>Video board VS10</b>                | 9421 167 53103<br>video PCB           |                                      |                                      |                                       |
| 9    | <b>19" table housing</b>               | 9421 166 87043<br>controller housing  |                                      |                                      |                                       |
| 10   | <b>Mech. adaptation</b>                | 9421 166 23022<br>6+9" table support  | 9421 166 23032<br>12" table support  | 9421 166 23012<br>PRS231 replacement |                                       |
| 11   | <b>User manual (additional)</b>        | 9499 210 331 10<br><br>English manual | 9499 210 331 18<br><br>German manual | 9499 210 331 32<br><br>French manual | 9499 210 331 37<br><br>Spanish manual |

- Notes :
- a) Pos.7 can be built in 2x ( for X-ray tube diaphragm **and** for I.I. diaphragm)
  - b) In row 10 choose at max. one (1) position !!
  - c) Row 11: You may order extra manuals (standard delivery = 1 x English, 1 x German manual).



## 2. Straight Versions Y.XRS153 / Y.XRS233 / Y.XRS303


| Pos. | Component                                 | Possibilities  |  |   |
|------|---|--|--|---|
| 1    | <b>Compact I.I. unit</b>                  | 9421 169 99773<br>6/4" tube incl. basic lens<br>for XRS153   | 9421 169 99873<br>9/7/5" tube with n.b. glass*<br>incl. basic lens for XRS233  | 9421 169 99973<br>12/9/6" tube with n.b. glass*<br>incl. basic lens for XRS303      |
| 2    | <b>Basic unit<br/>w. 15 m cable</b>       | 9421 166 20872<br>Standard version<br>CAM-Unit / power supply  | 9421 166 20882<br>AI 6000 version<br>CAM-Unit / power supply   |  |
| 3    | <b>Camera</b>                             | 9421 169 02450 CCIR<br>½" CCD, 625 lines, 50 Hz  | 9421 169 02460 EIA<br>½" CCD, 525 lines, 60 Hz   |   |
| 4    | <b>Zoom lens</b>                          | 9421 169 01413<br>manual zoom lens   | 9421 169 01423<br>motor zoom lens  |   |
| 5    | <b>Control panel<br/>XRS Formats</b>      | 9421 167 53303 <b>FS</b><br>format switch<br> | 9421 167 53323 <b>FS-MDC</b><br>format switch and one<br>diaphragm control<br> |   |
| 6    | <b>Video cable,<br/>(double shielded)</b> | 9421 167 50153<br>15 m = standard  | 9421 167 50103<br>10 m   | 9421 167 50203<br>20 m  |

**Notes :**

- (1) In each of the rows choose exactly one (1) position !!
  - (2) Line penetrameter, user manual (colour; English + German ) and CE conformity declaration are included
- \* n. b. glass = none browning glass output window



## 2.2 Options for Y.XRS153 / Y.XRS233 / Y.XRS303



| Pos. | Component                           | Possibilities  |  |   |                                     |
|------|-------------------------------------|--|--|---|-------------------------------------|
| 7    | <b>19" table housing</b>            | 9421 166 87063<br>Housing for<br>Y.XRS-control panel   |  |   |                                     |
| 8    | <b>Lead housing</b>                 | 9421 166 20932<br>Y.XRS-LH153<br><br>for 6" I.I. units | 9421 166 20912<br>Y.XRS-LH233<br><br>for 9" I.I. units |  |                                     |
| 9    | <b>Mech. adaptation</b>             | 9421 166 23022<br>6+9" table support                   | 9421 166 23032<br>12" table<br>support                 | 9421 166 23012<br>PRS231 replacement  |                                     |
| 10   | <b>User manual<br/>(additional)</b> | 9499 210 352 10<br><br>English manual                  | 9499 210 352 18<br><br>German manual                   | 9499 210 352 32<br><br>French manual  | 9499 210 352 37<br><br>Spain manual |

Notes :

- a) In rows 8 – 9 at max. one (1) position !!
- b) Row 10: You may order extra manuals (standard delivery = 1 x English, 1 x German manual).



### **3. Compact Versions Y.XRS235-D1000 / Y.XRS305-D1000**

| Pos. | Component   | Possibilities   |  |
|------|---|---|--|
| 1    | <b>Compact I.I. unit</b>  | 9421 169 99893<br>9/7/5“ tube with n..b. glass*<br>for <b>Y.XRS235-D1000</b>  | 9421 169 99993<br>12/9/6“ tube with n..b. glass*<br>for <b>Y.XRS305-D1000</b>  |
| 2    | <b>Camera unit</b><br><b>1 k Camera</b><br><b>15 m cable length</b> | 9421 169 02933<br>MU / Multiplex version<br>Camera 90° turned   |  |
| 3    | <b>Control unit</b>   | 9421 167 53353<br><b>Y.XRS FS-box</b><br> | 9421 167 53363<br><b>Y.XRS FS-Panel</b><br> |
| 4    | <b>Frame grabber</b>  | 9421 169 10173<br><b>CamLink</b> frame grabber  |  |
| 5    | <b>Image Software **</b>  | Y.Image 2500-D Vers. <b>2.12.x</b>  |  |



**Notes :**

(1) In each of the rows choose exactly one (1) position !!


(2) Line penetrameter, User Manual is part of the Y.Image 2500-D manual and CE conformity declaration are included

\* n. b. glass = none browning glass output window

\*\* to display 1000 x 1000 pixel images a 20” TFT (1600x1200) or 24” TFT (1920x 1200) is necessary !



### 3.1 Options for Y.XRS 235 / Y.XRS305

| Pos. | Component  | Possibilities  |                                      |                                      |   |
|------|--|--|--------------------------------------|--------------------------------------|---|
| 6    | <b>Lead housing</b>                                    | 9421 166 20912<br>XRS-LH233<br><br>for 9" I.I. units |                                      |                                      |  |
| 7    | <b>Mech. adaptation</b>                                | 9421 166 23022<br>6+9" table support                 | 9421 166 23032<br>12" table support  |                                      |   |
| 8    | <b>User manual<br/>Y.Image 2500-D<br/>(additional)</b> | 9499 210 432 10<br><br>English manual                | 9499 210 432 18<br><br>German manual | 9499 210 432 32<br><br>French manual |   |

Notes : a) In rows 7 at max. one (1) position !!



## 4. Accessories for XRS image intensifiers

| Pos. | Component  | Possibilities   |   |  |
|------|--|---|---|--|
| 1    | <b>Video monitor<br/>Display.1712<br/>(rack mount)</b> | 9421 169 09903<br>17" / 12" b/w monitor<br>(50/60/100/120 Hz) |   |  |
| 2    | <b>Housing for Video<br/>Monitor</b>                   | 9421 166 82103<br>Monitor housing                             |   |  |
| 3    | <b>Line penetrometer</b>                               | 9421 768 00091<br>Green pattern                               |   |  |
| 4    | <b>Coax cables<br/>Double shielded</b>                 | 9421 167 50023<br>length 2 m                                  | 9421 167 50053<br>length 5 m  |  |
| 5    | <b>Motor diaphragm<br/>w. 20 m cable</b>               | 9421 166 06853<br>9" I.I. diaphragm<br>(with SUB-D plug)      | <i>9421 166 06553<br/>X-ray tube diaphragm<br/>100 - 160 kV<br/>(with SUB-D plug)</i> | <i>9421 166 06653<br/>X-ray tube diaphr.<br/>225- 450 kV<br/>(with SUB-D plug)</i> |