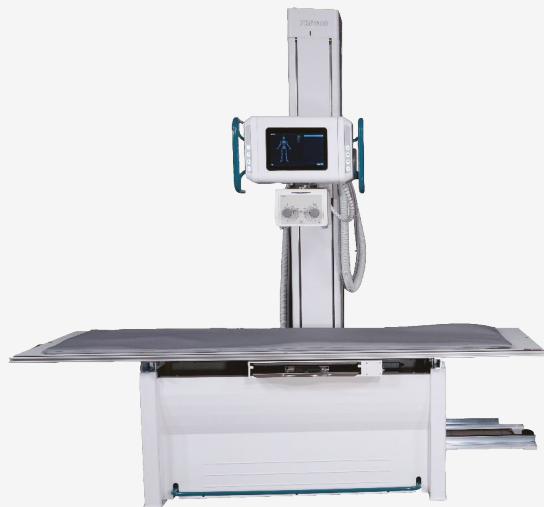


# HUMAN MEDICINE PRS 500 F



Table-wall stand X-ray system  
with stationary table



PRS 500 F in analogue base configuration

Touch control unit



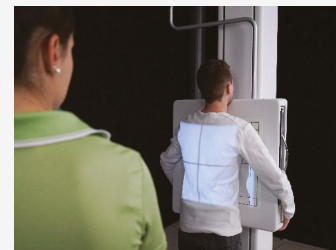
Cassette tray / Bucky with  
exchangable grid



Floating table top



Wall stand



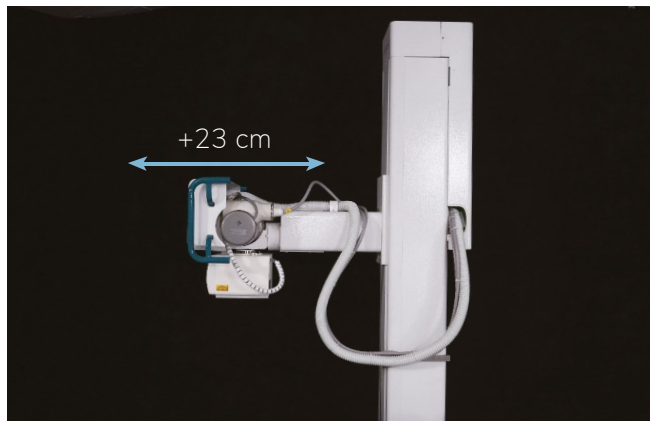
## **PRS 500 F**

Are you looking for a modern, robust and smooth-running complete X-ray system for your practice that can be configured according to your requirements?

Explore the PRS 500 series!

Designed as a modular system series, the X-ray column and the grid wall stand in the PRS 500 F are combined with a stationary, non-height-adjustable X-ray table.

Made in Germany, the PRS 500 F combines modern design with compact size, application flexibility and service-friendliness. The various system components allow to individually customise the PRS 500 F to your needs for analogue and digital applications.



## ***Intuitive and flexible***

With the central control unit, the operation of the PRS 500 F is intuitive, smooth and ergonomic.

Optional features such as an X-ray tube arm with telescopic function or the X-ray column which can be rotated through 360°, offer additional benefits in handling and flexibility. Images of immobile, lying patients can be taken comfortably.

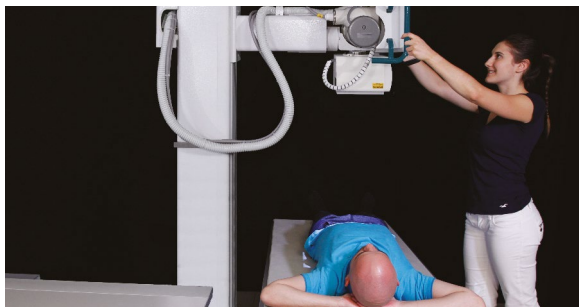
## Application examples, lying patient



Exposure pelvis ap lying



Exposure knee ap lying



Exposure pelvis ap lying on mobile table tube column 90° rotated



Ascent from wheelchair



## Application examples, standing / sitting patient



Exposure knee standing under stress



Exposure thorax pa standing



Exposure hand sitting



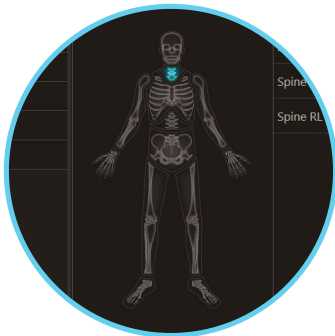
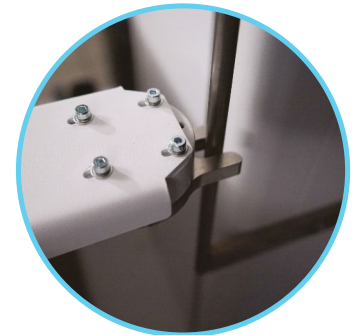
Exposure abdomen in front of the wall stand with patient extension grip

## Top features, you *directly* benefit from



Each time you make an adjustment, the light visor activates automatically. This allows to focus completely on the correct positioning of the patient.

When moving the X-ray column (right/left), your detector or X-ray cassette always remains in the central ray of the X-ray tube due to the integrated bucky synchronisation



Body part based, automatic specifications for KV and mAs enable a highly efficient workflow. Preset parameters can be adjusted to your preferences for a maximum of customization.

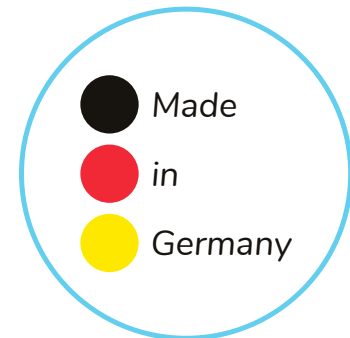
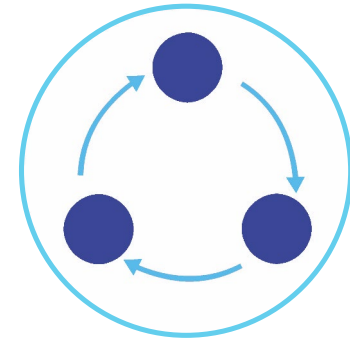


Due to the optimal synchronization of acquisition software, generator and detector, the risk of unnecessary radiation due to incorrect exposures is minimized.



An automatic X-ray journal is optionally available in the digital configuration. This completely replaces the need to keep a time-consuming X-ray diary.

Highest quality and perfect service - this is what PROTEC has stood for 35 years. As a German manufacturer we are your partner for all questions concerning X-rays, Made in Germany.





## **35 years X-ray technology - Made in Germany**

PROTEC has been your competent partner in the field of X-ray technology for more than three decades. During this period we have acquired an expert knowledge which forms the basis of our company philosophy.

Our efforts are focused on the generation of an optimal X-ray image for reliable diagnosis, whether analogue or digital, for humans, animals or material testing.

As a German manufacturer, our commitment to quality is to provide you with competent and solution-oriented support at all times. Together with our worldwide partners we stand for highest quality and perfect service.

## PROTEC X-ray system portfolio



**PRs 500 F**

Table-wall stand X-ray system  
with stationary table



**PRs 500 E**

Table-wall stand X-ray  
System with height  
adjustable table



**PRs 500 X**

Table-wall stand X-ray  
system with mobile table



**PRs 500 B**

Motorised table-wall  
stand X-ray System with  
auto tracking function



**PEDS 600**  
U-Arm System



**PROSLIDE 32 SR**  
Mobile X-ray system



**PROSLIDE 32 B**  
Mobile, motorised  
X-ray system

## Space for your notes

[illegible]

System type:	Floor mounted X-ray system with wall stand
X-ray table:	Floating table top, high patientload
X-ray column:	Comfortable application, 360° rotating (optional)
Wall stand:	Highly radiolucent material, with exchangeable grid(optional)
System operation:	Easy movement, Ergonomic touchscreen operation (optional)
X-ray tube:	Diff. Models, up to 600 kHU
Collimator:	Filter, LED and laser
Generator:	50 to 80 kW
Image detector:	X-ray film, memory foil (CR) or flatpanel detector (DR)
Full-digital configuration	<ul style="list-style-type: none"> <li>• PROTEC RAPIXX flatpanel detectors (WiFi or cable cassette; Size 43x36cm or 43x43cm)</li> <li>• PROTEC CONAXX 2 image acquisition software</li> <li>• Full DICOM compatibility</li> </ul>

Detailed technical data as per separate product data sheet.

Illustrations of this catalogue may include optional accessories/special options.

Product movie PRS 500 F



Imagefilm PROTEC



This brochure as PDF



C€0297

For further information please visit our Website  
[www.protec-med.com](http://www.protec-med.com)





PROTEC GmbH & Co. KG  
In den Dorfwiesen 14 · D-71720 Oberstenfeld  
Tel: +49 (0) 70 62 / 92 55-0 · Fax: +49 (0) 70 62 / 92 55 - 60  
protec@protec-med.com  
**www.protec-med.com**