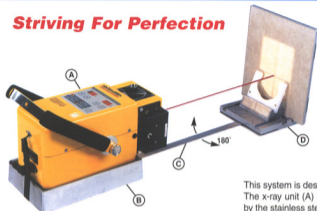
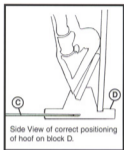


REDDEN EQUINE FOOT BLOCK

Striving For Perfection



Redden Equine Foot Block shown with the HF80+ portable x-ray unit and the LP1 Laser Pointer.



Side View of correct positioning of hoof on block D.

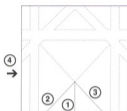


FIGURE E:
Birdseye view of foot block.
==== Indicates cassette slots

This system is designed specifically for MinXray's HF80, HF80+ (A), HF8015 and HF100/30. The x-ray unit (A) fits in the machine tray (B) and the focal-film distance (FFD) is controlled by the stainless steel arm (C) that connects the tray to the foot block (D) itself. In this way, the FFD is consistent for all views. The x-ray unit & machine tray move through a 180° arc, allowing optimum, repeatable positioning for all desired views, DP, oblique and lateral.

	MinXray HF8015 FFD 24"	MinXray HF100/30 FFD 24"		
D-P – 65° Figure E - ①	kV	time (sec)	kV	time (sec)
Very soft P3 margin	55	.08	42	.06
Wings, soft tissue of the quarters	60	.08	46	.06
Joint margin	65	.08	50	.06
Navicular (non-grid)	70	.10	50	.12
Navicular (grid 6:1)	80	.08	60	.25
D-P 65° taken at 45° D-P Oblique Figure E - ② & ③	kV	time (sec)	kV	time (sec)
Very soft P3 margin	55	.08	42	.06
Joint margin	60	.08	46	.06
Navicular wing (non-grid)	65	.08	50	.06
Navicular wing (grid 6:1)	70	.12	60	.12
Lateral Figure E - ④	kV	time (sec)	kV	time (sec)
Soft tissue, hoof capsule, bone silhouette (Farrier's view)	60	.10	42	.05
Bone detail medium (dark soft tissue)	60	.18	50	.10
Bone detail normal (no hoof capsule visible)	60	.14	50	.065

Recommended series of hoof x-rays using the Redden Equine Foot Block, MinXray ultra light units and 3M Asymetrix™ green light emitting Rare Earth Detail Screens / Cassettes and Ultra Detail Improved film. Techniques were developed on a 5" wide front foot of a thoroughbred.